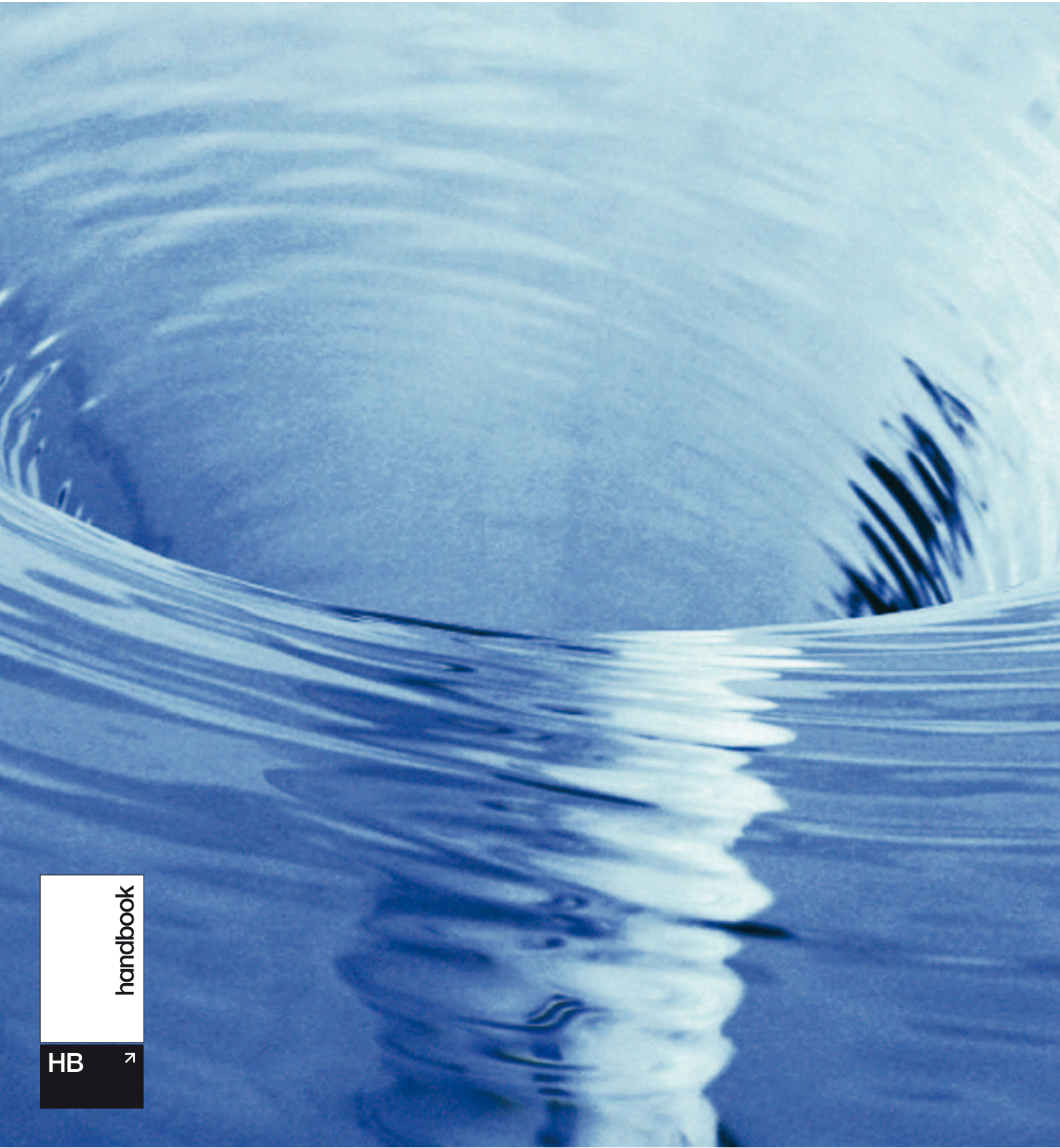




HB 326—2008  
**Urban Greywater  
Installation Handbook  
for Single Households**



# Handbook

## **Urban Greywater Installation Handbook for Single Households**

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## PREFACE

This Handbook has been developed to provide practical information for gaining approval, diversion and for treatment and irrigation of greywater within single households for the uses specified.

The Handbook forms 1 component of a three part package that includes the following:

- (a) *Rainwater Tank Design and Installation Handbook* (this document), which provides practical and technical information for plumbers to gain approval, install and maintain rainwater systems for single households, multi-unit dwelling, community and commercial buildings.
- (b) *Urban Greywater Installation Handbook for Single Households* (this document) which provides practical and technical information for plumbers to gain approval, install and maintain rainwater systems for single households, multi-unit dwelling, community and commercial buildings.
- (c) *The National Water Commission Waterlines Publication*, which provides an initial overview of necessary information for communities to understand before pursuing the installation of greywater or rainwater re-use devices in the domestic settings.

The objective of this three-part series is to progress urban water reform under the commitments outlined in the National Water Initiative (NWI), to encourage innovation in water supply, re-use and recycling, and increase the efficient use of water within domestic settings.

To optimise the full potential of greywater as an alternative water resource it is recommended that greywater be treated to a suitable level and be connected to internal plumbing connections (e.g., toilet, washing machine).

The primary purpose of this Handbook is to provide practical guidance to plumbers and councils. The Handbook will assist them in understanding the benefits and risks associated with greywater use, to enable management of any associated risks, and ensure that greywater is approved (where required), installed, used and maintained at a residential household site without compromising public health and the environment. The secondary purpose is to provide a valuable insight for householders and regulators as to the approval and installation process and responsibilities of the householder when using and maintaining their greywater system. This will ensure the community is informed sufficiently to manage their greywater effectively.

This Handbook has been developed by the Master Plumbers and Mechanical Services Association of Australia (MPMSAA), Standards Australia and RMIT University. Additional editorial and technical services were provided by Arris Pty Ltd (Dr Daryl Stevens). The Handbook provides comprehensive information for the design, approval, installation, use and maintenance of greywater systems for a single household.

This Handbook is not an Australian Standard and has not been developed and approved using the full transparency and consensus processes that underpin Australian Standards. As a Handbook it has, however, been subject to a level of peer review. For further advice on the status of this document see Standards Australia Standardization Guide 13, *Publications of Lower Level of Transparency and Consensus*,

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