



# Stormwater Collection Systems Design Handbook

*By Larry Mays*

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- \* A comprehensive overview of stormwater and wastewater collection methods from around the world, written by leading experts in the field
- \* Includes detailed analysis of system designs, operation, maintenance and rehabilitation
- \* The most complete reference available on the subject

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## **Stormwater Collection Systems Design Handbook** By Larry Mays Bibliography

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## **Editorial Review**

From the Back Cover

This handbook, written by leading experts, is the most comprehensive, state-of-the-art coverage on the design of stormwater collections systems. The only work of its kind, this authoritative and inclusive compendium brings you detailed coverage of the latest design methods and tools for analyzing stormwater collection systems. Each chapter provides expert, detailed, professional guidance on the important components of stormwater collection systems.

### **FEATURES INCLUDE:**

\*Design procedures and detailed examples are presented for stormwater inlets, sewers, both in-line and off-line detention systems, infiltration systems, subsurface detention systems, pump facilities, and many more system components.

\*New concepts for the design and implementation of distributed stormwater control and reuse and stormwater treatment using wetland systems are presented

\*Specialized procedures for the removal of urban litter and sediment movement in sewers are featured

\*Design procedures and detailed examples are presented for drainage channels, flow transitions, and energy dissipates

\*Many computer models are introduced that can be used in the design of various components of stormwater collection systems

\*Water quality aspects of stormwater collections systems design are discussed

\*Risk/reliability models for design and analysis are presented

### **About the Author**

Larry W. Mays is Professor of Civil and Environmental Engineering at Arizona State University and former chair of the department. He is the former Director of the Center for Research in Water Resources at the University of Texas at Austin where he also held an Engineering Foundation Endowed Professorship. A registered professional engineer in seven states and a registered professional hydrologist, he has served as a consultant to many organizations. Professor Mays is the author of *Water Resources Engineering* (John Wiley & Sons, Inc.) and *Optimal Control of Hydrosystems* (Marcel Dekker, Inc.), coauthor of *Applied Hydrology* and *Hydrosystems Engineering and Management* (both from McGraw-Hill), and editor-in-chief of the *Water Resources Handbook*, *Hydraulic Design Handbook*, and the *Water Distribution Systems Handbook* (all from McGraw-Hill). He was also the editor-in-chief of the *Reliability Analysis of Water Distribution Systems* (ASCE) and co-author of *Computer Modeling of Free Surface and Pressurized Flow* (Kluwer Academic

Publishers). Among his honors include a distinguished alumnus award from the University of Illinois at Urbana-Champaign in 1999.

## **Users Review**

### **From reader reviews:**

#### **Marcia Eberhart:**

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#### **Adelina Foreman:**

Stormwater Collection Systems Design Handbook can be one of your basic books that are good idea. Many of us recommend that straight away because this book has good vocabulary that may increase your knowledge in terminology, easy to understand, bit entertaining but delivering the information. The writer giving his/her effort to put every word into joy arrangement in writing Stormwater Collection Systems Design Handbook yet doesn't forget the main place, giving the reader the hottest and based confirm resource details that maybe you can be certainly one of it. This great information can easily drawn you into completely new stage of crucial pondering.

#### **Miguel Sherman:**

The book untitled Stormwater Collection Systems Design Handbook contain a lot of information on this. The writer explains the woman idea with easy means. The language is very straightforward all the people, so do certainly not worry, you can easy to read the item. The book was written by famous author. The author provides you in the new time of literary works. You can easily read this book because you can read on your smart phone, or product, so you can read the book inside anywhere and anytime. In a situation you wish to purchase the e-book, you can available their official web-site and also order it. Have a nice study.

#### **Tammy Carver:**

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