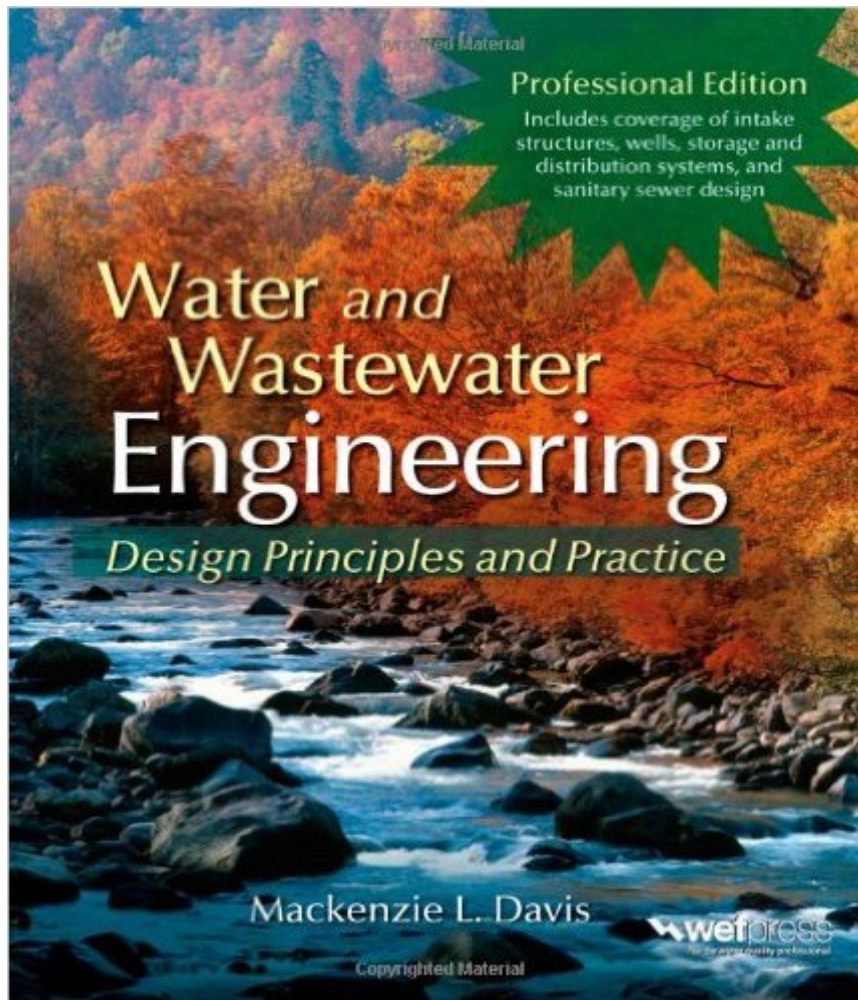


The book was found

# Water And Wastewater Engineering



## Synopsis

An In-Depth Guide to Water and Wastewater Engineering This authoritative volume offers comprehensive coverage of the design and construction of municipal water and wastewater facilities. The book addresses water treatment in detail, following the flow of water through the unit processes and coagulation, flocculation, softening, sedimentation, filtration, disinfection, and residuals management. Each stage of wastewater treatment--preliminary, secondary, and tertiary--is examined along with residuals management. Water and Wastewater Engineering contains more than 100 example problems, 500 end-of-chapter problems, and 300 illustrations. Safety issues and operation and maintenance procedures are also discussed in this definitive resource. Coverage includes: Intake structures and wells Chemical handling and storage Coagulation and flocculation Lime-soda and ion exchange softening Reverse osmosis and nanofiltration Sedimentation Granular and membrane filtration Disinfection and fluoridation Removal of specific constituents Drinking water plant residuals management, process selection, and integration Storage and distribution systems Wastewater collection and treatment design considerations Sanitary sewer design Headworks and preliminary treatment Primary treatment Wastewater microbiology Secondary treatment by suspended and attached growth biological processes Secondary settling, disinfection, and post-aeration Tertiary treatment Wastewater plant residuals management Clean water plant process selection and integration

## Book Information

Hardcover: 1296 pages

Publisher: McGraw-Hill Education; 1 edition (April 12, 2010)

Language: English

ISBN-10: 0071713840

ISBN-13: 978-0071713849

Product Dimensions: 8.4 x 2 x 9.5 inches

Shipping Weight: 5.1 pounds (View shipping rates and policies)

Average Customer Review: 4.2 out of 5 stars See all reviews (20 customer reviews)

Best Sellers Rank: #179,437 in Books (See Top 100 in Books) #28 in Books > Engineering & Transportation > Engineering > Civil & Environmental > Environmental > Waste Management #34 in Books > Science & Math > Nature & Ecology > Water Supply & Land Use #45 in Books > Engineering & Transportation > Engineering > Civil & Environmental > Environmental > Water Quality & Treatment

## Customer Reviews

In this review I just want to inform the difference between the international edition and the professional edition. The international edition has 20 chapters and the professional edition has 28 chapters. The chapters that are not covered in the international edition are:- Intake structures- Wells- Chemical handling and storage- Removal of specific constituents- Drinking water plant process selection and Integration- Storage and distribution systems- Sanitary Sewer design- Clean water plant process selection and integration. I thought that this was important information in case that someone is thinking in buy one edition or the other. I noticed that until I bought the international edition.

I use the book as a reference, not a text. It seems to contain the information that I need. For example, I recently needed a better understanding of the shape and general design of launders. The subject was adequately covered. However, I did not find a good discussion of the content (chemical and biological) of wastewater - although there is extensive discussion of treatment processes applicable to things that might be in wastewater.

Delivered on time, it was taken good care so, no issues. The book itself is really good. There are lots of problems and the explanations thought the chapters are simple and straight forward with examples for every subject.

This is the book to get if your are mystified by sometimes hard to follow MWH and/or Metcalf books so common for undergrad/grad courses. Best out there for water and waste water engineering; if your Professor has chosen this book for class you are in good hands! For Professionals it is a great reference/reminder text. What it lacks in some "theory" it more than makes up for with practical application and input from fellow professionals. A MUST.

Great book, easy to follow. I would recommend this book if you are an environmental engineer working on water and waste water treatment.

Because the book is like new. I work in this area of engineering, and I think this book is very usefull. I recommend it.

i haven't had a chance to read the book beacuse you cannot read it on kindle 8 reader for the CPU.

That sucks ass. But its all good. Just wanted to proof read the book before I actually brought it.

Great book, lots of valuable information, for all professionals and starters in the water treatment, explains important technics for different processes used in water treatment

[Download to continue reading...](#)

Water and Wastewater Engineering Water and Wastewater Calculations Manual, Third Edition  
Alternative Water Sources and Wastewater Management Water Is Water: A Book About the Water  
Cycle Wastewater Collection System Operator Certification Studybook Wetlands for Tropical  
Applications: Wastewater Treatment by Constructed Wetlands Wastewater Stabilization Ponds  
Reusing the Resource: Adventures in Ecological Wastewater Recycling Water Storage: Tanks,  
Cisterns, Aquifers, and Ponds for Domestic Supply, Fire and Emergency Use--Includes How to  
Make Ferrocement Water Tanks Quiet Water Massachusetts, Connecticut, and Rhode Island, 2nd:  
Canoe and Kayak Guide (AMC Quiet Water Series) Our World of Water: Children and Water  
Around the World Solar Water Heating--Revised & Expanded Edition: A Comprehensive Guide to  
Solar Water and Space Heating Systems (Mother Earth News Wiser Living Series) The Water  
Gardener's Bible: A Step-by-Step Guide to Building, Planting, Stocking, and Maintaining a Backyard  
Water Garden Water is for Fighting Over: and Other Myths about Water in the West Blue Covenant:  
The Global Water Crisis and the Coming Battle for the Right to Water Managing Water and  
Agroecosystems for Food Security (Comprehensive Assessment of Water Management in  
Agriculture Series) Water Sources WSO: Principles and Practices of Water Supply Operations  
Volume 1 Water, Peace, and War: Confronting the Global Water Crisis (Globalization) Quiet Water  
Maine: Canoe And Kayak Guide (AMC Quiet Water Series) Principles of Water Rates, Fees and  
Charges (M1): AWWA Manual of Practice (Manual of Water Supply Practices)

[Dmca](#)