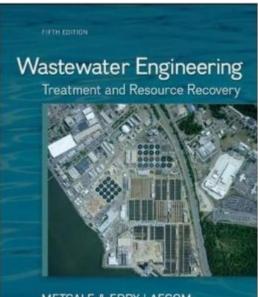
The book was found

# Wastewater Engineering: Treatment And Resource Recovery



METCALF & EDDY | AECOM



## Synopsis

Wastewater Engineering: Treatment and Resource Recovery, 5/e is a thorough update of McGraw-Hill's authoritative book on wastewater treatment. No environmental engineering professional or civil or environmental engineering major should be without a copy of this book describing the rapidly evolving field of wastewater engineering technological and regulatory changes that have occurred over the last ten years in this discipline, including: a new view of a wastewater as a source of energy, nutrients and potable water; more stringent discharge requirements related to nitrogen and phosphorus; enhanced understanding of the fundamental microbiology and physiology of the microorganisms responsible for the removel of nitrogen and phosphorus and other constituents; an appreciation of the importance of the separate treatment of return flows with respect to meeting more stringent standards for nitrogen removal and opportunities for nutrient recovery; increased emphasis on the treatment of sludge and the management of biosolids; increased awareness of carbon footprints impacts and greenhouse gas emissions, and an emphasis on the development of energy neutral or energy positive wastewater plants through more efficient use of chemical and heat energy in wastewater. This revision contains a strong focus on advanced wastewater treatment technologies and stresses the reuse aspects of wastewater and biosolids.

## **Book Information**

Hardcover: 2048 pages Publisher: McGraw-Hill Education; 5 edition (September 3, 2013) Language: English ISBN-10: 0073401188 ISBN-13: 978-0073401188 Product Dimensions: 8.5 x 12 inches Shipping Weight: 8.3 pounds (View shipping rates and policies) Average Customer Review: 4.6 out of 5 stars Â See all reviews (12 customer reviews) Best Sellers Rank: #306,638 in Books (See Top 100 in Books) #45 in Books > Engineering & Transportation > Engineering > Civil & Environmental > Environmental > Waste Management #105 in Books > Textbooks > Engineering > Environmental Engineering #229 in Books > Textbooks > Engineering > Civil Engineering

## **Customer Reviews**

This is the best and most comprehensive wastewater treatment text in the field. Prof.

Tchobanoglous has done an excellent job of improving this text edition by edition. The subjects are technically accurate and up to date; the descriptions are good; the tables, figures, and example problems are well selected and relate well and easily to the text. The formatting is very well done which results in a text that is easy to relate to and one in which material is easy to find. With his dedication and perseverance in continuing to update this text over the years, Professor Tchobanoglous has become the best textbook author in our field. I would hesitate to use this text for undergraduate courses. (It costs too much and covers only wastewater treatment. Most undergraduate courses in the field cover water treatment and wastewater treatment in one course. This text it too comprehensive for undergraduate courses, and especially when coupled with a water treatment text, the cost is too high to require of undergraduates.) However, it would be my first choice for graduate courses. And as a practitioner it would be (and is) the wastewater text that I absolutely would not be without as a desk side reference.My only complaint about the book is its increase in size with each edition. Considering its hefty weight, should consider listing it as a body building product in addition to an engineering text. :)

Very well structured. Summarizes well the existing knowledge. Very good for teaching. But not very good for application for practical projects, because information stops at certain level.

Even If you are a complete beginer or you are an expert, this book is a must have if you are into waste water treatment. It is such a good reference as well as a very complete learning source. I must admit this new edition has a few error in the editing (ortogtaphy, charts, tables and graphics references from one chapter to another), but nothing that should impair its value... Im very happy with this purchase!!!

I am a mechanical engineer and have been doing engineering work for 46 years. I had an earlier version of this book, which I used for many years, but I lost it between jobs. I always wanted to purchase another copy, but had no real need until recently. This book was immediately helpful. It showed me how to calculate pressure drop across a sand filter. This book is directed mainly at biological water treatment, however, any engineer who has to do water treatment design work will find this book invaluable.John P. DeBaise

The book contents exceeded my expectations. A must have for graduate students. This book plus the environmental engineers handbook are excellent companions for biological treatment process

#### Great for every professional in the water sector

#### Download to continue reading...

Wastewater Engineering: Treatment and Resource Recovery Addiction: The Last ADDICTION RECOVERY Guide - The Infallible Method To Overcome Any Addiction: (addiction, addiction) recovery, breaking addiction, overcoming ... addiction recovery, recovery, clean Book 4) Spellman's Standard Handbook for Wastewater Operators: Fundamentals, Volume I (Spellman's Standard Handbook for Wastewater Operators Series) Wastewater Engineering: Treatment and Reuse Fundamentals of Wastewater Treatment and Engineering Wastewater Engineering: Treatment Disposal Reuse Gambling Addiction Recovery: Gambling Addiction Recovery and Cure of Your Life (Addiction Recovery, Addictions Gambling, Quit Smoking, Addiction) Biological Wastewater Treatment, Second Edition, Revised and Expanded (Lecture Notes in Pure and Applied Mathematics) Handbook of Water and Wastewater Treatment Technologies Design and Retrofit of Wastewater Treatment Plants for Biological Nutritient Removal, Volume V Handbook of Water and Wastewater Treatment Plant Operations Wastewater Treatment Plant Operations Made Easy: A Practical Guide for Licensure Operation of Municipal Wastewater Treatment Plants (3-Volume Set) Industrial Wastewater Treatment: A Guidebook Vaginosis: Bacterial Vaginosis Treatment Guide To Curing Bacterial Vaginosis With Strategies For Preventing Bacterial Vaginosis Including Advice On Post ... And Vaginitis Treatment, Cure And Recovery) The Comprehensive Hair Loss Guide: Hair Loss Treatment and Cure for Men and Women (Hair Loss Treatment for Women, Hair Loss Treatment for Men, Hair Loss ... Loss Remedies, Hair Loss Cure, Alopecia) Hair: Hair Loss: Learn About Hair Loss Prevention Methods and Regrowth Treatment: Hair Loss Cure: Hair Loss (Men's Health, Hair Loss Treatment, Regrow ... Loss Treatment for Woman, Hair Loss Cure) Alzheimer's Disease: Dominate Alzheimer's Sickness With Nutrition Treatment, Brain-Healthy Lifestyle and Herbal Treatment (Alzheimer's Disease Complete ... Nutrition Treatment, Elder Care Handbook) Brain Cancer Treatment - How to Beat Brain Cancer And Get Your Life Back (Brain Cancer, Tumor, Brain Cancer Treatment, Natural Treatment) All-in-One Nursing Care Planning Resource: Medical-Surgical, Pediatric, Maternity, and Psychiatric-Mental Health, 4e (All in One Care Planning) Resource)

#### <u>Dmca</u>