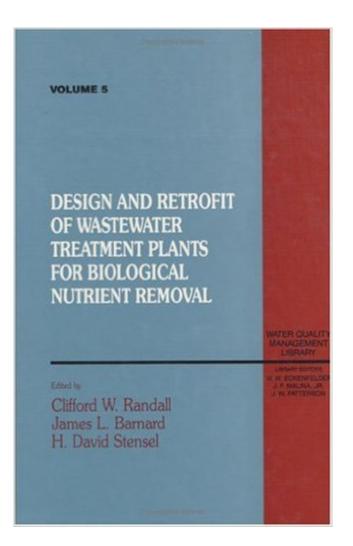
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# Design And Retrofit Of Wastewater Treatment Plants For Biological Nutritient Removal, Volume V





## Synopsis

This book presents information that can be used for the design and operation of wastewater treatment plants that utilize biological nutrient removal processes, i.e., processes that utilize biological mechanisms instead of chemical mechanisms, to remove phosphorus and nitrogen from wastewaters. The book provides: basic fundamentals, concepts, and theories; design of prefermentation units, various types of BNR systems, and secondary clarifiers; retrofitting conventional activated sludge plants; modeling considerations; and special considerations for BNR systems. It includes full-scale and pilot plant case histories, design examples, and retrofit of existing plants.

## **Book Information**

Series: Water Quality Management Library (Book 5) Hardcover: 420 pages Publisher: CRC Press; 2 edition (May 6, 1998) Language: English ISBN-10: 0877629226 ISBN-13: 978-0877629221 Product Dimensions: 9.5 x 6 x 1.3 inches Shipping Weight: 1.8 pounds Average Customer Review: 5.0 out of 5 stars Â See all reviews (1 customer review) Best Sellers Rank: #4,161,925 in Books (See Top 100 in Books) #67 in Books > Science & Math > Environment > Recycling #1013 in Books > Engineering & Transportation > Engineering > Civil & Environmental > Environmental > Waste Management #1266 in Books > Science & Math > Nature & Ecology > Water Supply & Land Use

#### **Customer Reviews**

This is the only book that shows the readers how to design and retrofit the existing plants to BNR. Lots of calculations and full-scale design and operation examples. Couple of minor errors in formulas. Surely recommended.

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