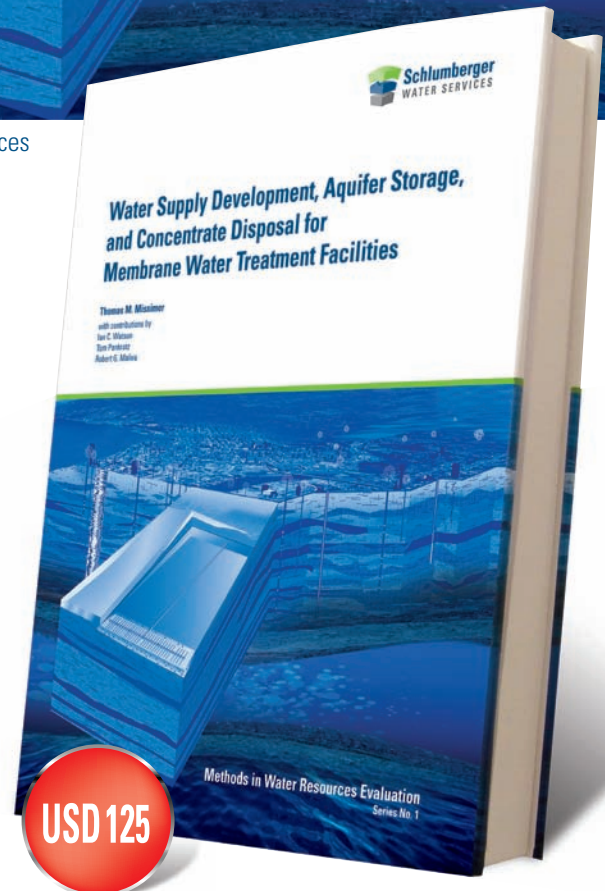


WATER SUPPLY DEVELOPMENT, AQUIFER STORAGE, AND CONCENTRATE DISPOSAL FOR MEMBRANE WATER TREATMENT FACILITIES

Thomas M. Missimer, Schlumberger Water Services
with contributions by
Ian C. Watson, Tom Pankratz, Robert G. Maliva



Membrane treatment is now considered by the US Environmental Protection Agency as the “best available technology” for potable water treatment. Membrane treatment facilities operate most efficiently and cost effectively by using raw water containing a constant chemistry with low concentrations of foulants, such as organic compounds and bacteria. This book addresses methods to develop raw water supplies that have constant water chemistry and to reduce the concentrations of potential foulants that cause pretreatment processes to be added to the plant design. Evaluation and design of water supplies for all membrane processes using both surface-water sources and groundwater sources are covered. Discussions also include concentrate disposal and its effect on facility design as well as aquifer storage and recovery used to improve facility operational efficiency.

This book is the first in a planned series, *Methods in Water Resources Evaluation*, to be published by Schlumberger. It is intended to be used as a design and reference text for water resources professional engineers, hydrogeologists, water treatment plant operators, and as a university textbook.

For more information please visit:
<http://shops.directedje.com/schlumbergeronline/catalog.asp>

Table of Contents

Section I. Water Supply Needs and Changing Technology

Section II. The Membrane Water Treatment Process and Water

Section III. Surface Water as a Feedwater Source

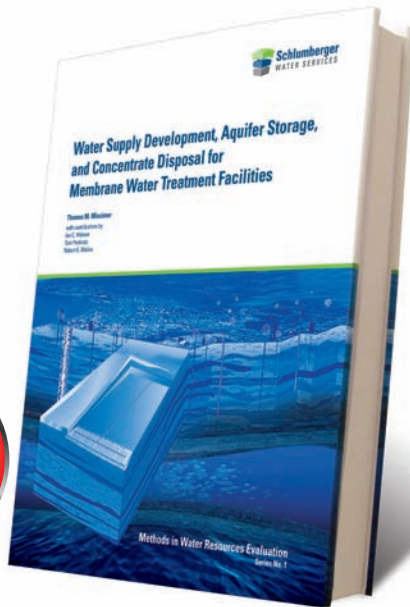
Section IV. Groundwater as a Feedwater Source

Section V. Improvement of Membrane Treatment Plant Efficiency Using Aquifer Storage and Recovery

Section VI. Concentrate Water Disposal

Section VII. Case Histories: Membrane Feedwater Wellfields





For more information please visit:
<http://shops.directedje.com/schlumbergeronline/catalog.asp>

ORDER

Please send me _____ copy(ies) of *WATER SUPPLY DEVELOPMENT, AQUIFER STORAGE, AND CONCENTRATE DISPOSAL FOR MEMBRANE WATER TREATMENT FACILITIES* for \$125 (US) per book + shipping & handling. (ISBN-13: 978-097885303-7 ISBN-10: 097885303-2)

Name

Shipping Address

Phone / Fax

Email

Note: applicable taxes and shipping will be added at your cost.

Payment Information

Credit Card    Check

Card Number

Expiration Date

Signature

Make checks payable to: Schlumberger Water Services

Mail to: Schlumberger Water Services, 460 Philip Street – Suite 101, Waterloo, ON, Canada, N2L 5J2

Fax to: +1 519 885 5262 Email to: mburke@slb.com