



Pearson New International Edition

Water and Wastewater Technology

**Mark J. Hammer Sr. Mark J. Hammer Jr.
Seventh Edition**



Pearson Education Limited

Edinburgh Gate

Harlow

Essex CM20 2JE

England and Associated Companies throughout the world

Visit us on the World Wide Web at: www.pearsoned.co.uk

© Pearson Education Limited 2014

All rights reserved. No part of this publication may be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording or otherwise, without either the prior written permission of the publisher or a licence permitting restricted copying in the United Kingdom issued by the Copyright Licensing Agency Ltd, Saffron House, 6–10 Kirby Street, London EC1N 8TS.

All trademarks used herein are the property of their respective owners. The use of any trademark in this text does not vest in the author or publisher any trademark ownership rights in such trademarks, nor does the use of such trademarks imply any affiliation with or endorsement of this book by such owners.

PEARSON

ISBN 10: 1-292-02104-7

ISBN 13: 978-1-292-02104-1

British Library Cataloguing-in-Publication Data

A catalogue record for this book is available from the British Library

Printed in the United States of America

Water and Wastewater Technology

Table of Contents

Cover

Table of Contents

1. Introduction
2. Chemistry
3. Biology
4. Hydraulics and Hydrology
5. Water Quality
6. Water Distribution Systems
7. Water Processing
8. Operation of Waterworks
9. Wastewater Flows and Characteristics
10. Wastewater Collection Systems
11. Wastewater Processing
12. Wastewater Systems Capacity, Management, Operation, and Maintenance
13. Advanced Wastewater Treatment
14. Water Reuse
15. Sustainability and Carbon Footprint

Index

A
B
C
D
E
F
G
H
I
J
L
M
N
O
P
Q

Table of Contents

R
S
T
U
V
W
X
Y
Z