

Contents

Potable Water Quality Standards and Regulations: A Historical and World Overview	1
Carolyn J. Kroehler	
Global Potable Water: Current Status, Critical Problems, and Future Perspectives.....	37
Caitlin A. Grady, Shih-Chi Weng, and Ernest R. Blatchley III	
Coping with Emerging Contaminants in Potable Water Sources	61
Heather E. Gall and Odette Mina	
Drinking Water Distribution: Emerging Issues in Minor Water Systems	95
Juneseok Lee and Owais Farooqi	
The Effects of Water–Energy Nexus on Potable Water Supplies.....	125
Sarah Lawson, Qi Zhang, Mimansha Joshi, and Tzu-Han Pai	
Municipal Wastewater: A Rediscovered Resource for Sustainable Water Reuse.....	153
Gayathri Ram Mohan, Thomas F. Speth, Daniel Murray, and Jay L. Garland	
Advances in Desalination Technologies: Solar Desalination	181
Magdy M. Abou Rayan and Berge Djebedjian	
Bottled Water: Global Impacts and Potential.....	213
Tamim Younos	
Index.....	229

Potable Water

Emerging Global Problems and Solutions

Younos, T.; Grady, C.A. (Eds.)

2014, XVII, 233 p. 45 illus., 33 illus. in color., Hardcover

ISBN: 978-3-319-06562-5