

Contents

- 1** Reasons for Water Efficiency Efforts 8

- 2** Sound Principles of Water Management 12

- 3** Conducting a Successful Water Efficiency Program 20

- 4** Water Management Options. 30
 - Sanitary/DomesticUses 30
 - Cooling and Heating 41
 - Landscaping 50
 - Kitchen and Food Preparation 61
 - Cleaning, Rinsing, and In-process Reuse 67

- 5** Industry Specific Processes 74
 - Textile 74
 - Food 82
 - Metal Finishing 93

- 6** Auditing Methodology and Tools 100

- 7** Resources 109

- References 114