



Iron and Manganese Removal Handbook

By AWWA

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The presence of iron and manganese in drinking water is generally not hazardous to health. However, few things are more alarming to customers than seeing red or black water come out of their faucets. This book offers an analysis of current and emerging methods for iron and manganese removal as well as guidance for handling residuals. Using firsthand field experience and detailed case studies, the authors explain the processes to follow.

In this new edition, more detail is devoted to the selection and design of the treatment process and to minimizing the use of vendor-engineered packages that have become so common throughout the industry. Unit processes are described and calculations are provided so that the reader can understand the impacts of changes to the design components. This edition also addresses the questions of why decisions are made and how standards are followed.

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Editorial Review

Review

"AWWA has done the industry a great service in making this new edition of the Iron and Manganese Removal Handbook available." - From the Foreword by Gregory DiLoreto, PE, F.ASCE, President 2013, American Society of Civil Engineers

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