



Happy: Holidays, Kwanzaa, Hanukkah, Christmas, New Year, Boxing Day, Winter Solstice, Alamo Bowl Game

WATER TREATMENT: WE WROTE THE BOOK ON IT

Introducing our new guide for evaluating water treatment plant performance, improving analytical capabilities, and optimizing plant operations

Documenting a twelve-year cooperative effort between H₂O'C Engineering and the Bloomington, Illinois, Water Department, our new book presents the results of a series of twenty-six on-site studies to systematically evaluate and improve unit processes, operations, and procedures at the Bloomington Water Treatment Plant.

The series of evaluations was part of a long-term effort to effect cost savings, improve operational efficiencies, meet evolving regulatory requirements, update emergency procedures, and document operational procedures and experiences for the benefit of future generations of plant operators.

Using a case study approach, we have addressed such issues as:

- Maintaining regulatory compliance
- Evaluating particle and organism removal performance
- Testing, evaluating, and enhancing filter operations
- Managing seasonal taste-and-odor problems resulting from algal blooms
- Improving lime softening performance, efficiency, and operations
- Quantifying GAC adsorption and microbial degradation of organic matter
- Development of a comprehensive operations manual

The book is being published by Wiley (www.wiley.com) with an official release date of February 2009.

