Wastewater Lagoon Troubleshooting

- Get sludge reduction without dredging

Practical, up-to-date and proven methods for keeping your waste treatment lagoon operation in compliance and running at maximum efficiency. Includes: 11 possible causes of high BOD; 7 possible causes of TSS problems; lagoon microbiology; diagnosing problems; troubleshooting BOD problems; TSS control; sludge accumulation and control; nitrogen and phosphorous removal; pond hydraulics; aeration; pathogen control; industrial lagoons; cold weather operation. Many illustrations. 213 pages, 2003.

How to Identify and Control Water Weeds and Algae

- Over 100 color drawings and pictures

This booklet is filled with detailed drawings and pictures that help in identifying the algae and plants causing your problems, then tells you which chemicals work best for their control. Information is also provided on feed rates and methods of chemical application. 5th edition (revised); 128 pages, 1998.

Activated Sludge Bulking and Foaming Control

Filamentous bulking and foaming are the most frequent operational problems in activated sludge plants. This book, the result of over 25 years of research, stresses practical control measures based on kinetic and metabolic selection theories, as well as case histories. Topics include: biochemical processes in wastewater treatment, evaluation of separation problems, settling and foaming principles, bulking and foaming control methods, and system design. More than 100 tables and figures illustrate complex processes, and over 500 references provide a detailed compendium of available resources. 327 pages, 1994.

Activated Sludge and Nutrient Removal—MOP OM-9

- Revised edition
- The complete authority on activated sludge

The third edition of MOP OM-9 is one of the most complete sources of information on the activated sludge process. The primary objective of this manual is to help wastewater operators acquire a greater knowledge of the process, solve performance problems and improve operations. Includes the most up-to-date information on process controls, energy use, and procedures for solving common operational problems. Also includes practice questions. 3rd edition; 464 pages, 2017.

Manual on the Causes and Control of Activated Sludge Bulking, Foaming, and Other Solids Separation Problems

- Discussion of the formation of activated sludge flocs
- Analysis of the causes of bulking and foaming

The most common operating problems with the activated sludge process relate to solids separation, which causes poor plant performance. Bulking and foaming are especially common. This manual provides the critical scientific and practical information you need to understand and combat bulking, foaming, and other solids separation problems. Includes real-world examples of successful control methods and new information on filamentous organism growth and its application in the control of sludge bulking and foaming. Includes photographs and descriptions of filamentous organisms responsible for bulking and foaming. 3rd edition; 216 pages, 2003.

Lift Station Log Book

- Specially designed for treatment plants
- Hard-bound books meet legal requirements

Keep a written record of important events and provide clear communication between operators. Book measures 5” x 7” and has 192 lined and numbered pages. The hard cover has a space to fill in location and date ranges. Book includes a list of suggestions and instructions for properly entering information. Sold in 2-book packs.