



Wastewater Microbiology & Process Control

Date: Thursday December 3, 2020
Platform: Zoom Meeting Webinar
Time: 8:30 am – noon (*Please log in before 8:25am*)
Credit: 3 TCH's. NH DES wastewater credit approved.
Cost: **\$35 members / \$50 non-members**
Instructors: Toni Glymph (Wastewater Microbiology Solutions)

Agenda: The wastewater treatment process is a biological process. The microorganisms are responsible for removing the nutrients from the wastewater therefore it is important to understand the conditions that allow them to do their best work and to do our best to create these conditions. My motto is "If you treat the bugs right, they will treat your water right."

The participants will learn the role of bacteria, protozoa and metazoa in the treatment process along with the conditions that allow them to do their best work of removing nutrients from the wastewater. The participant will also gain insight on how to anticipate potential treatment system upsets and to troubleshoot and correct existing treatment system problems. The session also includes a simplified method to identify filamentous bacteria, determine the conditions that favor their growth and methods to control and eliminate bulking and foaming caused by these microorganisms.

Recommended Text: [A Wastewater Microbiology Laboratory Manual for Operators](#)

The manual is a practical guide to developing a process control laboratory program which includes microbiological assessments. Color photos, automated worksheets, SOPs, a list of equipment and supplies and a DVD with video clips of live microbes as well as an atlas of images are included with the book.

This book can be purchased by sending the instructor, Toni Glymph, an email at toniglymph@msn.com. Please include your name and mailing address. By ordering in this way and attending the class, the price of this book will be \$50 (Normally priced at \$109 as seen on the website wwmicrosolutions.com). Payment options include: 1. mail checks to: 11009 Eaton Ct, Westchester, IL 60154. 2. Call Toni at 312-342-6797 with a credit card 3. Submit payment through PayPal using her email address.

To Register: Please visit our website GraniteStateWater.org and click on the training page under the service tab. **Please sign-up before 10:00am one day prior to class.** Attendees will receive an email with a link to the meeting one day prior to the class.
IMPORTANT – Do not mail in registration. Please email Heidi@granitestatewater.org if you need help with signing up.

For Further Assistance: Please email info@granitestatewater.org or call 603-756-3670.