



# ID of Filamentous Organisms in Activated Sludge

Thursday-Friday, May 20-21, 2010  
 Sherrill City Hall, Sherrill, NY  
 8:30 a.m. - 3:30 p.m.  
 Sign-in begins at 8:00 a.m.

This workshop covers the latest concepts in microorganism identification and control in activated sludge. Participants will receive hands-on training in filamentous organism assessment and identification techniques. The instructor will present an overview of activated sludge microbiology, and provide in-depth instruction in microscopic techniques in filament identification, process control and problem solving, the use and care of a phase contrast microscope, the handling and preparation of samples, and filament counting and staining.

This course is for water pollution control personnel, federal and state environmental agency staff, and wastewater consultants. Participants should bring samples of activated sludge MLSS for microscopic examination.

Optional Manual: Causes and Control of Activated Sludge Bulking & Foaming, \$90 (Purchase strongly recommended.)

**Instructor:** Dr. Michael Richard, Michael Richard Wastewater Microbiology, LLC  
**Cost:** \$250 (\$125 for NY qualified operators) (lunch included)  
**Credits:** 12 Training Contact Hours  
**Course #:** etc1081

## Registration Form

Course Title \_\_\_\_\_ Course # \_\_\_\_\_  
 Your Name \_\_\_\_\_  
 Wastewater License # \_\_\_\_\_ State \_\_\_\_\_  
 Company/Facility \_\_\_\_\_  
 Street \_\_\_\_\_  
 City/Town \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_  
 Telephone \_\_\_\_\_ Fax \_\_\_\_\_  
 E-mail \_\_\_\_\_

GMWEA member  MWPCA # \_\_\_\_\_  NY qualified  
check box

Indicate method of payment \_\_\_\_\_ Amount Enclosed \$ \_\_\_\_\_

Check No. \_\_\_\_\_  or PO No. \_\_\_\_\_  or Credit Card \_\_\_\_\_  
indicate Visa, MC or Discover

Credit Card # \_\_\_\_\_

3-digit code (Visa only) \_\_\_\_\_ Expiration \_\_\_\_\_  
located on back of card month/year

Name on Card \_\_\_\_\_

Signature Required \_\_\_\_\_ Date \_\_\_\_\_

Mail Form and Payment to: NEIWPCC - Training; 116 John Street; Lowell, MA 01852-1124  
 Phone: 978/323-7929 or fax with a purchase order to: 978/323-7919. Registrations CANNOT be completed over the phone. Hard copies must be faxed/mailed.

PLEASE NOTE: Enrollment is on a first-come, first-served basis, so please return your application as soon as possible. Due to limited classroom space and the popularity of certain subjects, we often reach capacity. We appreciate you taking time to notify us if you cannot attend a course for which you have registered. This makes a big difference to someone else who requires the training. THANK YOU!

• Checks/Money Orders: Should be made payable to "NEIWPCC Training." Note New Policy: There is a \$15.00 fee for checks returned due to insufficient funds.

• Registration Deadline: You must register at least seven days in advance of the first day of the course. Registrations after this time will incur a \$15 late fee.

• Cancellations/No Shows: Seven days notice is required IN WRITING (mailed or faxed) for you to cancel at no cost. Cancellations received after this time will be charged \$25 for programs under \$100 and \$50 for programs over \$100. Registrants who do not cancel or who fail to show are responsible for full payment.

• Credits: Participants must attend ALL hours of training to be eligible for Training Contact Hours. TCHs are awarded upon completion of a course. The certificates are mailed to participants.

• Use one form per course. Photocopy this page to apply for multiple courses.