

Wastewater Microlife, Microscopy and Troubleshooting

(7.0 Wastewater CPEs)

**Wednesday,
January 17, 2024**

Location:
Augusta County
Middle River Facility
848 Laurel Hill Rd
Verona, VA 24482

Registration Required



Quality On Tap!

2138 Sycamore Avenue
Buena Vista, VA 24416
Phone: 540-261-7178
Fax: 540-261-2465
On the web: www.vrwa.org

Description: This hands-on course will begin with the basics of wastewater microbiology than transition to helpful troubleshooting techniques and new issues operators are faced with today. Students will learn about bacteria, higher life forms and how each related to treatment efficiency, settleability and dewatering. Instructors will guide each student in how to properly use a microscope to better understand floc structure, filament identification, and extracellular polymeric substances (EPS). Instructors will discuss the current state of wastewater microbiology and what has changed in the recent years. Students are welcome to bring activated sludge samples on ice.

PRE-REGISTRATION IS REQUIRED
Class Size Limited to 20

Instructors: Steven Leach (Leach Microbial Consulting)
Walter Higgins (EPA Region 3 Water Division)

Class Time: 8:00am—4:00pm

Lunch: One hour—on own

Cost: \$140 (VRWA Member)
\$200 (Non-member)

To Register: The preferred method for registration is online at the VRWA website (www.vrwa.org). If an attendee does not have internet access, he or she may complete the registration form on the back of this page and fax it to the VRWA office at **540-261-2465**. For answers to questions regarding the registration process, please call the VRWA office at **540-261-7178**.

Registration Deadline: January 10, 2024

Wastewater Microlife, Microscopy and Troubleshooting

Class Registration Form

Wastewater Microlife, Microscopy and Troubleshooting — 7 CPE's—Verona, VA—January 17, 2024

Name (as it appears on your license) _____

System/Organization _____

Mailing Address _____

Phone: _____ Fax: _____

E-mail Address (required): _____

Total Amount Due: \$ _____ Check Enclosed Visa Master Card

Name (as it appears on your card): _____

Credit Card Number: _____ Exp. Date: ___/___

3-digit CSV security code: _____ City/State: _____ Zip: _____

Email Address for Receipt: _____

Please make all checks out to VRWA and mail to: VRWA, 2138 Sycamore Avenue, Buena Vista, VA 24416

Cancellation Policy: Full refund less \$25.00 administration fee will be given if VRWA is notified at least 10 days prior to date of class. No refunds will be given for cancellations with less than 10 days' notice, substitutions, however, are permitted. In the event that the class is cancelled by VRWA due to low enrollment, a full refund will be issued.

If paying by check please make all checks out to
Virginia Rural Water Association
2138 Sycamore Avenue
Buena Vista, VA 24416
(540) 261-7178
(540) 261-2465 fax
www.vrwa.org