

#6799
**Wastewater Biomass
Enhancement & Bioaugmentation**

#7419
**Activated Sludge: Process
Control Tests and Parameters**

6 WASTEWATER CONTACT HOURS

Wastewater Biomass Enhancement & Bioaugmentation: This course presents the four components that provide for biological improvement or recovery of wastewater treatment processes (addition of organisms, major & minor nutrients, essential enzymes, and critical growth factors. A comparison of rumen microbiology and bioaugmentation is also presented.

Activated Sludge: Process Control Tests & Parameters: This course provides the operator with reliable, often rapid, tests for early detection and troubleshooting of undesired changes in the steady state and acceptable operational condition. Biological, chemical and physical tests will be presented that can be used individually or in combination for process control.

Topics to be covered:

- Requirements for the use of biomass enhancement and bioaugmentation.
- Examples of how to monitor success of enhancement
- Rumen microbiology vs. bioaugmentation
- MCRT
- Odor Prevention
- Odor Control; Fats, Oils and Grease

May 21, 2020

Lehigh County Authority
1053 Spruce Road
Wescosville, PA 18106
Lehigh County

Class Time: 8:00 am - 4:00 pm
Registration: 7:30 am

Lunch and materials provided

Instructor: Michael Gerardi
Wastewater Microbiologist

Questions?
Call 800-653-7792 ext. 107 or 108
Or email: Training@PRWA.com
WE HOPE TO SEE YOU THERE!

THE PRWA PROMISE

If you're not 100% satisfied with the training class for any reason, we will give you a refund!

WWW.PRWA.COM/PROMISE

Attendance cost per person:
\$195 for PRWA Members
\$230 for Non-Members

PRWA Member? Yes No

May 21, 2020

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Location:
Lehigh County Authority
1053 Spruce Road
Wescosville, PA 18106
Lehigh County

Name: _____ PA-DEP Client ID (if applicable): _____

System/Company: _____ Phone: _____

Address: Home System _____ Fax: _____

City _____ State: _____ Zip: _____ Email: _____

PAYMENT:

Check (payable to PRWA) Invoice Me: Home System

Credit Card: AmEx Discover Visa MasterCard

Card Number: _____

Exp Date (mm/yy): _____ CVC (3 or 4 Digit # on card): _____

Card Billing Zipcode: _____

Name On Card (please print): _____

Signature: _____ Signature shown on card

Amount Due:
\$ _____

To register by FAX or MAIL:

FAX: (814) 353-9341

MAIL: 138 W. Bishop St., Bellefonte PA 16823

EMAIL: TRAINING@PRWA.COM

EMAILING REGISTRATIONS: EMAIL IS INHERENTLY INSECURE. CREDIT CARD INFORMATION SHOULD NOT BE EMAILED OR SENT IN AN ATTACHMENT.

Questions?

Call (800) 653-7792 ext. 107 or 108

MEET THE INSTRUCTOR



Michael Gerardi

Wastewater Microbiologist

Michael has developed and offered numerous wastewater biology courses in the United States, Canada, Caribbean and Europe. He has over 35 years experience in the wastewater treatment profession and has authored seven wastewater microbiology texts for John Wiley and Sons. He has performed microscopic analyses of wastewater samples and provided troubleshooting services for numerous municipal and industrial wastewater treatment facilities. He managed the Williamsport Sanitary Authority wastewater treatment facilities for 10 years.

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