

#3562
Microbiology of Anaerobic Digesters

#3245
Troubleshooting the SBR

6 WASTEWATER CONTACT HOURS

Microbiology of Anaerobic Digesters: The course reviews five areas of concern related to the microbiology and successful operation of anaerobic digesters, including causes and corrective operational measures for foam and scum production.

Troubleshooting the SBR: Troubleshooting the SBR presents a description and history of the batch feed system for the treatment of wastewater. The description includes a biological review of each phase, phase time and adjustments in phase times in the SBR, along with the occurrence of toxic, anoxic, and anaerobic conditions. Process control measures, target nutrient values, sampling techniques, and troubleshooting charts are reviewed. An examination of biological and chemical nutrient removal measures (nitrogen and phosphorus) is presented.

Topics to be covered:

- Bacteria involved in degradation of soluble, colloidal and particulate BODs
- Acceptable operating conditions
- Troubleshooting process and control measures
- History of wastewater treatment and the role of SBR
- Nutrient removal in SBR

March 6, 2019

Parkway Restaurant
106 Munster Road
Portage, PA 15946
Cambria County

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

*Lunch and materials provided
with your registration*

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

Location:

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106 Munster Road
Portage, PA 15946
Cambria County

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

PRWA Member? Yes No

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): _____

Name on Card (please print): _____

Signature: _____

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

Amount Due: \$ _____

Signature shown on card

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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March 6, 2019

**Parkway Restaurant
Cambria County**

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pa rural water
Association

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Bellefonte, PA 16823
800-653-7792

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