

#8249 Wastewater Odor Production and Control

6 WASTEWATER CONTACT HOURS

The course provides a comprehensive review of biological odor production in wastewater treatment plants and sewer systems as well as operational measures for odor prevention and control. The course reviews the forms of cBOD degradation that produce odors, the bacteria responsible for odor production, and the analytical tests that are available to monitor odor production and control. Operational measures that are reviewed for preventing and controlling odor production include biological, chemical, and physical. Examples of control measures presented include aeration, bioaugmentation, biofilters, disinfectants, nitrate addition, oxidizing agents, pH adjustment, and sulfide precipitation.

Topics to be covered:

- Odor Production
- Precursors of Odorous compounds
- Bacterial Diversity Sulfide
- Hydrogen Sulfide Monitoring
- Odor Control

April 15, 2020

Ramada by Wyndham
700 West Main Street
Uniontown, PA 15401
Fayette 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

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: _____

April 15, 2020

#8249 - Wastewater Odor Production and Control

Location:

Ramada by Wyndham
700 West Main Street
Uniontown, PA 15401
Fayette County

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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April 15, 2020

**Ramada by Wyndham
Fayette County**

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pa rural water
Association

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pa rural water
Association