

# INTRODUCTION TO INDUSTRIAL AND MUNICIPAL WASTEWATER TREATMENT PROCESSES

August 16-17, 2021  
Online | Central Time



*"EUCI does a great job of bringing real-world examples and references into the classroom."*

Sales Director, Landis & Gyr



TAG US #EUCI  
FOLLOW US @EUCIEvents

This introductory course for industrial and municipal wastewater treatment processes will cover principles that wastewater operators need to be successful at their jobs. The course will be packed with knowledge starting with the Code of Federal Regulations and ISO standards for protecting the environment. Discussions on how wastewater treatment processes differ from industrial to municipal, what equipment is needed for successful treatment of wastewater, and how to test wastewater for treatment efficiencies and safety will be highlighted. Math, as always, plays an important role in successful wastewater treatment. Basic math formulas needed in wastewater treatment will be reviewed. Additionally, the course will explore the chemicals needed for wastewater treatment and how to determine their dosing using bench testing. Upon completion of this course, attendees will have a basic understanding of the principles of wastewater treatment to carry them forward.

## LEARNING OUTCOMES

- Discuss the history of wastewater treatment in the United States with an overview of the Clean Water Act, the Code of Federal Regulations, and ISO standards for industries
- Develop an understanding of the differences between industrial wastewater treatment and municipal wastewater treatment
- Review the differences between a pretreatment discharge permit and a NPDES permit
- Review the equipment requirements needed to run a physical/chemical wastewater treatment plant as well as municipal wastewater treatment plants
- Review bench testing to develop an understanding of how to determine the best approach for wastewater treatment
- Review math formulas used in wastewater treatment including formulas for chemical dosing, tank volumes and flow through, solids dewatering, solids generation
- Develop an understanding of sludge dewatering equipment, chemical aids for dewatering, and best practices for sludge dewatering

## INSTRUCTOR

**Robin Deal**, *Industrial Wastewater Treatment Specialist, Product Lead, AquaPure at Hubbard-Hall*



EUCI is authorized by IACET to offer 1.0 CEUs for the course

To Register Click Here, or

**Mail Directly To:**

PMA Conference Management  
405 Highview Rd  
Englewood NJ 07631  
201 871 0474  
Fax 253 663 7224  
register@pmaconference.com

# ONLINE DELIVERY & PARTICIPATION DETAILS

EUCI will use Microsoft Teams to facilitate participation in the upcoming event. Attendees do not need to have an existing Teams account to participate in the broadcast. The course will play in attendee's browser. When attendees sign on, their microphones are typically muted. Attendees should keep their mic muted until such time as it's needed to ask a question. During the event, participants will have the option of using a microphone to speak with the room and ask questions, or type in any questions via the chat window and our online administrator will relay your question to the instructor.

- Each attendee will receive an event invitation by e-mail, which will include one link to sign on for each half-day of the event (i.e., three links for a 1 1/2 day event). The appropriate link must be used to join each half-day event segment at the appropriate time.
- The remote meeting connection will open approximately 30 minutes before the start of the course. We encourage attendees to connect as early as possible in case of unforeseen problems.

**INTRODUCTION TO INDUSTRIAL AND MUNICIPAL WASTEWATER TREATMENT PROCESSES ONLINE COURSE**  
AUGUST 16-17, 2021: US \$1,195 (Single Connection)

**PACK OF 5 CONNECTIONS:** US \$4,780 (20% Discount)

**PACK OF 10 CONNECTIONS:** US \$8,365 (30% Discount)

**PACK OF 20 CONNECTIONS:** US \$ 14,340 (40% Discount)

*Recording: Each event is recorded, and will be available for three business days. For registrants only.*

How did you hear about this event? (direct e-mail, colleague, speaker(s), etc.)

Print Name

Job Title

Company

Address

City

State/Province

Zip/Postal Code

Country

Phone

Email

**CREDIT CARD INFORMATION**

Name on Card

Billing Address

Account Number

Billing City

Billing State

Exp. Date

Security Code (last 3 digits on the back of Visa and MC or 4 digits on front of AmEx)

Billing Zip Code/Postal Code

**OR** Enclosed is a check for \$ \_\_\_\_\_ to cover \_\_\_\_\_ registrations.

**Substitutions & Cancellations**

Your registration may be transferred to a member of your organization up to 24 hours in advance of the event. Cancellations must be received on or before July 16, 2021 in order to be refunded and will be subject to a US \$195.00 processing fee per registrant. No refunds will be made after this date. Cancellations received after this date will create a credit of the tuition (less processing fee) good toward any other EUCI event. This credit will be good for six months from the cancellation date. In the event of non-attendance, all registration fees will be forfeited. In case of course cancellation, EUCI's liability is limited to refund of the event registration fee only. For more information regarding administrative policies, such as complaints and refunds, please contact our offices .

EUCI reserves the right to alter this program without prior notice.

