

May 12, 2020

#7199 - Preventing a Major Event at a W or WW System Through Good Operational Practices

6 WATER & WASTEWATER CONTACT HOURS

Operators and superintendents must understand that many of the common practices utilized at water and wastewater systems can lead to potential major issues. We will look at the lack of verification of even the very basic chemicals delivered, document case histories where events have occurred, and show how simple and easy a verification program is to establish. Next, we will cover other operational monitoring issues. Lastly, why infrastructure age requires extra vigilance to prevent system contamination, why water stagnation and biofilm formation can lead to bacterial contamination, and how operations can minimize these issues with simple low-cost steps.

May 13, 2020

#7200 - Screening W & WW Systems for Safety, Security & Toxicity

6 WATER & WASTEWATER CONTACT HOURS

Routine monitoring of your water quality can lead to significant improvements in effective operations. This course covers daily and weekly practices that any operator can perform for better control of their water/wastewater system. The Activated Sludge Process has limitations in handling toxic influents of unknown origin and strength. Once the bug population is destroyed or inactivated due to toxicity, or loading issues, regrowth is a painful time consuming process. Quick screening of the process can provide real-time decision-making. Simple screening tools such as: Chemical Oxygen Demand tests, Quick Biological scans, Rapid Biological Toxicity Screening, & Oxidation Reduction Potential (ORP) will be covered. Quick screens of key areas of your distribution for safety/security vulnerabilities can act as an early warning tool. The course will examine case-histories, view low-cost ideas and applications to monitor strategic areas of your distribution system.

**Holiday Inn
600 Wildflower Drive
Wilkes-Barre, PA 18702
Luzerne County**

**Class Time: 8:00 am - 3:30 pm
Registration: 7:30 am**

*Lunch and materials provided
with your registration*

Instructor: Michael Harrington
Certified Environmental Instructor

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:
 \$120 per day for PRWA Members
 \$155 per day for Non-Members

PRWA Member? Yes No

Registration Form

5/12/2020 - #7199: Preventing a Major Event at a W or WW System Through Good Operational Practices

5/13/2020 - #7200: Screening W & WW Systems for Safety, Security & Toxicity

Location:

**Holiday Inn
600 Wildflower Drive
Wilkes-Barre, PA 18702
Luzerne 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): _____

Name on Card (Please print): _____

Signature: _____

Amount Due:
\$ _____

To register by FAX or MAIL:

FAX: 814-353-9341

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

EMAIL: TRAINING@PRWA.COM

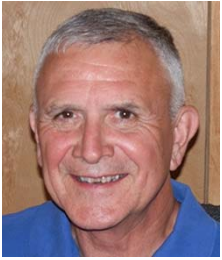
EMAILING REGISTRATIONS: EMAIL IS INHERENTLY INSECURE. CREDIT CARD INFORMATION SHOULD NOT BE EMAILED OR SENT IN AN ATTACHMENT.

Questions?

Call 800-653-7792 ext. 107 or 108

Signature shown on card

MEET THE INSTRUCTOR



Michael Harrington

Mike Harrington is a Certified Environmental Instructor (CET) and holds certification from Texas, Oklahoma, and Maryland in water, wastewater, and industrial wastewater. He has numerous years experience as an operator, as well as work experience with manufacturers and suppliers to the industry.

For 25 years, Mike has been writing and presenting water and wastewater operator training to municipalities, training centers, and regulatory agency professionals across the country. He holds an undergraduate BS/BA degree from Columbia Union University, and continues to pursue a Master degree from Wilmington University.

PRSR STD
U.S. POSTAGE
PAID
BELLEFONTE, PA
PERMIT NO. 196

For the most up to date information, check out:

WWW.PRWA.COM

Also, find us on social media.

Search: Pa Rural Water

Linked  

pa rural water
Association

138 West Bishop Street
Bellefonte, PA 16823
800-653-7792

WWW.PRWA.COM

TWO SEMINARS TO CHOOSE FROM!

May 12, 2020

**Preventing a Major Event at a
W or WW System Through Good
Operational Practices**

6 WATER & WASTEWATER CONTACT HOURS



**Holiday Inn
Luzerne County**

May 13, 2020

**Screening W & WW Systems
for Safety, Security & Toxicity**

6 WATER & WASTEWATER CONTACT HOURS

pa rural water
Association