

## Ultraviolet - Common Sense Disinfection Technology For The 21st Century

Thursday, October 12<sup>th</sup> 2023

Company / System: \_\_\_\_\_

Name: \_\_\_\_\_

Address: \_\_\_\_\_  
\_\_\_\_\_

City: \_\_\_\_\_

State: \_\_\_\_\_ Zip: \_\_\_\_\_

Phone: \_\_\_\_\_

Cell: \_\_\_\_\_

Email: \_\_\_\_\_

**PWSID # \_\_\_\_\_ (If Applicable)**

Please check all licenses and/or categories that apply:

Water Operator  Wastewater

Other system personnel  *Please List*

**\*\* Please Register In Advance \*\***

Contact Us To Register At:

Delaware Rural Water Association

210 Vickers Drive, Milford, DE 19963

Phone: 302-424-3792 / Fax: 302-424-3790

Email: delawareruralwater@yahoo.com

## Instructor Spotlight

Mike Harrington, C.M. Harrington Co., has been serving as a training specialist on behalf of manufacturers, distributors, state training centers, community colleges and water/wastewater associations serving the small to midsize water/wastewater facility since 1996. Since 1990, Mike has given over 500 training workshops, seminars, classes, etc. on behalf of AWWA, WEA and NRW state affiliates.



### DELAWARE RURAL WATER ASSOCIATION CORPORATE SPONSORS



Delaware Rural Water Association Presents:

## Ultraviolet - Common Sense Disinfection Technology For

## The 21st Century

Thursday, October 12<sup>th</sup> 2023

This workshop investigates the latest UV disinfection techniques and applications for both potable and wastewaters. Through the use of superb interactive text and graphics, operations personnel will explore the ad-vantages of UV systems compared to typical chemical disinfection systems like Chlorine or Ozone. Attendees will learn why the latest research suggest low-dose UV may be very effective at controlling Giardia and Cryptosporidium in potable waters. We will define and examine what UV is and how it differs versus other oxidizer based disinfection systems, understand the disadvantages and review appropriate applications.



Time: 8:00am-4:00pm  
ECH: 7.0 Hrs. Water - Indirect  
Wastewater - Direct  
Location: DRWA Training Facility  
210 Vickers Drive  
Milford, DE. 19963  
Cost: FREE - Funded By USDA  
Instructor: Mike Harrington,  
C.M. Harrington Corporation

Complete Form & Return Or Visit Our Website @ [www.drwa.org](http://www.drwa.org)

## The Delaware Rural Water Association Apprenticeship Program

At DRWA, we are highly aware of the need for skilled Water and Wastewater System Operation Specialists, and we have been working diligently to address this need. Our Apprenticeship Program was registered with the Delaware Department of Labor in May 2019 with our first class graduating in the Spring of 2021.

### Why Do We Need the Apprenticeship Program?

**In the next five years, 30-50% of water professionals are expected to retire.**

Our program was created as a direct response to the need to transfer the knowledge of Water and Wastewater Professionals to the next generations before their retirement. By enrolling in our program, the Apprentice will become a member of a valued and knowledgeable team that helps to preserve our most valuable resource, water.



## Cross-Connection-Control Program

### WHY IS A CROSS-CONNECTION CONTROL PROGRAM SO IMPORTANT?

A cross-connection control program is not only critical from a public health perspective, but also in preventing significant exposure, litigation, and financial loss to anyone not in compliance with this important regulation.

#### It Protects Public Health.

Normally, water in a home or building flows in one direction. Under certain conditions, water can actually flow backwards; this is known as backflow, which can introduce contaminants into the drinking water supply with dangerous – even lethal – consequences.

#### It's The Law.

State and local regulations and plumbing code require approved backflow prevention methods to be installed at every point of potable water connection and use. Fines, penalties, and the loss of water service are all possible if non-compliant. Furthermore, if contamination occurs and an individual or a group of individuals or their property suffers damage due to a backflow incident, they may seek damages from the municipality and the entity that contributed to the contamination.



## DRWA's Upcoming Events

**Thursday, October 5<sup>th</sup> 2023**

### Barry Walter Memorial Golf Outing

Jonathan's Landing  
1309 Ponderosa Drive  
Magnolia, DE. 19962



9:00 AM Registration & 10:00 AM Shotgun Start

**Friday, October 6<sup>th</sup> 2023**

### 15th Annual Water & Wastewater Operators Expo

Greenwood Volunteer Fire Company  
12611 Fire Hall Avenue  
Greenwood, DE. 19950  
8:00 AM – 3:00 PM



**Friday, October 20th 2023**

### 5th Annual Sporting Clays Tournament "In Memory Of Bob Slater"

Owens Station Sporting Clays  
12613 Hunters Cove Road  
Greenwood, DE. 19950



8:00 AM Registration 9:00 AM Shoot Begins  
12:00 PM Lunch, Awards & Raffles

**Wednesday, February 28th & Thursday, February 29th 2024**

### 34th Annual Technical Conference & Exhibition



Delaware State Fairgrounds  
18500 S. DuPont Highway  
Harrington, DE. 19952

For more classes and information visit us at [www.drwa.org](http://www.drwa.org)