

21st Century Membrane Technology in the Water and Wastewater Process

Wednesday, September 13th 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:

21st Century Membrane Technology in the Water and Wastewater Process

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This program looks at the use of membranes in water and wastewater treatment process. First, we will define a typical membrane, then, look at the types of membrane processes and applications for use in both water and wastewater. Secondly, we will see why membranes are fast-becoming accepted technology to achieve super water quality in today's fast-paced regulation driven enhanced treatment. Thirdly, we will see how membranes may be the "Best Available Technology" for enhanced nutrient removal in treated wastewater effluents. Finally, we'll explore how membranes are manufactured and see what drives the selection process and their applications

Time: 8:00am-4:00pm
 ECH: 7.0 Hrs. Water & 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

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 5th 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 6th 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