







**Delaware Rural Water Association**  
**30th Annual Technical Conference & Exhibition**  
**February 25-27, 2020**

**DRWA TRAINING CLASSES**

- 11) Wastewater Microbiology & Higher Life Forms for Process Control** **Wastewater**  
A brief introduction to basic microbiology as connected to wastewater treatment. The importance of monitoring higher life forms and the techniques involved in doing so will also be discussed. *Steve Leach, Maryland Biochemical*
- 12) Implementing an O&M Program for Chemical Feed Systems** **Water & Wastewater**  
This class will identify what main types of pumps are available, how to put a maintenance program in place and the materials your pump needs to have on it to last. *Ken Dennis, Dennis Sales & Service, Inc.*
- 13) ABC's of Variable Frequency Drives (VFD's)** **Water & Wastewater**  
Although variable frequency drives (VFDs) are common in water and wastewater treatment plants for collection and distribution systems, the value they provide and how to properly select and use them are often not fully understood. This presentation will demystify VFDs providing a better understanding as to where and why you would use them. *Larry Stanley, ABB*
- 14) Hot Topics Informational Session** **Local Officials/Municipal Clerks**  
PFAS—Are You Ready? - Lead & Copper Updates - NEW DRWA Apprenticeship Program Update
- 15) Implementing a Distributing Flushing Program Plan** **Water**  
The advantages of having a distribution flushing plan is to improve the cleaning of accumulated deposits on pipes that cause taste & odor complaints, provides valve and hydrant operations and addresses any maintenance needed. Distribution flushing can be an important component of a water use efficiency or conservation program. *Speaker TBD*
- 16) The Role of Polymers and Additives in the Water and Wastewater Treatment Process** **Water & Wastewater**  
The class will provide a general overview of the different types of polymers used in water & wastewater treatment. It will focus on organic polymers and the different uses for them. It will also cover other “poly” chemistries including polyphosphates and polyaluminum chlorides and their role in treatment.  
*Tim McComas, Coyne Chemical*
- 17) Math for Utility Operators** **Water & Wastewater**  
Basic water/wastewater treatment math formulas for calculating chemical dosages.  
*Kevin Burdette, KNB & Associates*
- 18) Oxidation Ditch Wastewater Treatment Operations and Troubleshooting To Control Process** **Wastewater**  
A review of the oxidation ditch wastewater treatment processes along with common issues and troubleshooting and how this affects the process. *Jason Loar, Davis, Bowen & Friedel*
- Utility Damage Prevention & Safety (Repeat Class # 1 )** **Water & Wastewater**
- ) SCADA Software in the Water & Wastewater Industry Process** **Water & Wastewater**  
A review of architectures utilizing licensed and unlicensed communications technologies and review drivers in costs associated with legacy communication methodologies. The discussion will involve migration of moving to web-based solutions and the benefits/risks associated with these new platforms. *Steve Whelley, Whel-Tech*



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**GENERAL INFORMATION**

**Credit Hours**

**Documenting Your Attendance:**

Registration is required when entering the conference for the first time. Please check in at the DRWA Registration desk located at the entrance of the Dover Building. Sign-in sheets will be in every training class you attend and you will be required to sign-in in order to obtain your credit hours for each class. Please print your name legible so that we can give you credit hours.

**Maryland Operator Credit Hours:**

Credit hours have been submitted to the State of Maryland for approval.

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- **A Free Hat** will be given out to the first 100 attendees to register for this years' conference.
- **50/50 Tickets** will be available for purchase each day
- **T-Shirts** will be given out free to all attendees at the raffle desk located in the Dover Building
- **Raffle items** will be available for viewing throughout the conference in the Dover Building. Purchase your tickets to participate in these drawings. Drawing for raffle items will be held on Thursday, February 27, 2020 from 12:00—1:30 pm in the Dover Building.

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The **Ice Cream Truck** will be located outside the Dover Building on Wednesday, February 26, 2020 from 1:00 pm—4:00 pm and again on Thursday, February 27, 2020 from 12:00 pm—2:30 pm.



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**Wednesday Luncheon Keynote Speaker**



The Mayberry Deputy, David Browning, will entertain and challenge the audience during the Wednesday luncheon. He will also be browsing throughout the exhibit hall to provide an atmosphere of good, clean fun. Browning says, "I value this character for what it gives people today, a laugh, a lift and memories".



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Name of Person(s) Attending: \_\_\_\_\_

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

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

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

Phone: \_\_\_\_\_ Fax: \_\_\_\_\_ Email: \_\_\_\_\_

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**Sponsorship Opportunity**

**As a "Friend of Rural Water" you can help Delaware Rural Water Association continue educating and supporting water and wastewater systems in Delaware.**

**I (we) would like to be a Friend of Rural Water**

\_\_\_\_\_ \$25      \_\_\_\_\_ \$50      \_\_\_\_\_ \$100      \_\_\_\_\_ \$200      \_\_\_\_\_ Other Amount

Name for Special Recognition: \_\_\_\_\_

Contact Person: \_\_\_\_\_ Email: \_\_\_\_\_

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**Please Circle: System Personnel   Plumber   Municipal Clerk   Local Official**

**Payment Information**

w/WW Members \$50.00 / Non-Members \$75.00 Per Person (through 2/1/2020)  
w/WW Members \$75.00 / Non-Members \$100.00 Per Person (after 2/2/2020)  
Plumbers \$40.00      Municipal Clerks \$ 20.00

**Type of Payment:** Visa/MasterCard   Check # \_\_\_\_\_      PO # \_\_\_\_\_

Card # \_\_\_\_\_      Name on Card: \_\_\_\_\_

Exp. Date: \_\_\_\_\_      CSV # \_\_\_\_\_      Address: \_\_\_\_\_

Signature: \_\_\_\_\_      City/State/Zip: \_\_\_\_\_

Amount of Payment Enclosed: \_\_\_\_\_

**Complete & Return with Your Payment to:**

Delaware Rural Water Association  
210 Vickers Drive, Milford, DE 19963  
302-424-3792 (ph) 302-424-3790 (fax) delawareruralwater@yahoo.com (email)