



This Issue

Member Association News (Page 1)

- ◆ Alabama WEA
- ◆ California WEA
- ◆ Chesapeake WEA
- ◆ CWP of Kentucky-Tennessee
- ◆ New York WEA

Collection System Awards (Page 2)

- ◆ Alabama WEA
- ◆ CWP of Kentucky-Tennessee
- ◆ WEF Awards

Technical News (Page 2)

- ◆ WEF CSC Releases 2 New Factsheets!

WEF News (Page 3)

- ◆ CSC at WEFTEC 2019
- ◆ Xylem win's the 2019 Innovative Technology Award for the Flygt Concertor™
- ◆ Seattle Public Utilities North Henderson CSO Reduction Project recognized as a WEF Project Excellence Awardee
- ◆ WEF CSC to Host 2nd Webcast in FOG Series

- ◆ Colorado and Texas Teams Take Top Ops Challenge Honors

Did You Know? (Page 4)

- ◆ Water Groups Participate in Imagine a Day without Water 2019

Keep reading and keep sharing!

Share any successes, milestones, events, initiatives, innovations, fun ideas, etc. with all in our collection systems community by emailing a short summary to Bri Nakamura at bnakamura@wef.org

Member Association News



Alabama WEA ([AWEA](#))

The AWEA 2019 Annual Conference was a combined conference with AL/MS AWWA and Mississippi WEA for the first time in Mobile, Alabama on July 28th – 31st. The combined conference was huge success with over 850 attendees. The AWEA Collection System Committee plans to host two more workshops before the end of this year. The collection system track at the annual conference included the following topics:

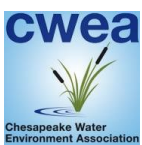
- ◆ I/I Reduction Success Stories - Lateral Rehabilitation (case studies) and Manhole Rehabilitation
- ◆ Equalization Storage
- ◆ Holistic Trenchless Rehabilitation and Horizontal Directional Drilling
- ◆ Flow Monitoring
- ◆ Hydraulic Sewer Modeling
- ◆ Calculating SSO Volumes
- ◆ CIP Funding and Implementation Optimization



California WEA ([CWEA](#))

California WEA Southern Section Collection Systems Committee will be hosting the CWEA –Desert and Mountain Section (DAMS) 2019 Collection Systems Training Day on **Wednesday, November 6, 2019** in Hesperia, California. The training day will include 4 training classes, with up to 4 contact hours available. For more information and to register for the event, [click here](#).

Chesapeake WEA ([CWEA](#))



The CWEA Collection Systems Committee will be hosting their fall seminar on **Thursday, November 21, 2019** at the Maritime Institute in Linthicum Heights, MD. The seminar titled, *The New Normal?*, will feature WSSC GM/CEO Carla Reid. For more information and to register for the event, [click here](#).



CWP of Kentucky-Tennessee ([CWP-KT](#))

The KY/TN Water Environment Association is now the Clean Water Professionals of Kentucky and Tennessee! The rebranding effort, which includes a new logo, was embraced to better explain what the organization and its members do to those outside of the industry. The announcement of the name change was one of numerous exciting events that occurred and the 2019 Kentucky/Tennessee Water Professionals Conference.

During the KY/TN Water Professionals Conference, 1800 engineers, operators, students, and other professionals from the water industry gathered in Louisville, Kentucky. Over the four days, attendees listened to technical presentations, toured facilities, interacted with over 250 exhibitors, tried locally-made reuse beer, sipped bourbon, and networked and connected with other water professionals.



New York WEA ([NYWEA](#))

New York WEA is holding a number of collection systems trainings throughout October and November 2019.

- ◆ NEIWPC Training—O&M of Collection Systems October 22-24, 2019 in Green Island, NY
- ◆ Collection Systems—Inflow and Infiltration October 24, 2019 in Babylon, NY
- ◆ Collection Systems—Inflow and Infiltration (Central Chapter) November 7, 2019 in Binghamton, NY
- ◆ Collection Systems—Inflow and Infiltration (Western Chapter) November 20, 2019 in Lockport, NY

For more information and to register for these events, [click here](#).

Collection Systems Awards

In each issue we like to recognize professionals and/or utilities in your Member Association (MA) who received a distinguished award in collection systems. Please contact Bri Nakamura at bnakamura@wef.org if you would like to contribute.



David Henson receiving his award (Photo: AWEA)

Alabama WEA (AWEA)

At the annual AWEA conference in Mobile, Alabama in July, **David Henson** of the Anniston Water Works and Sewer Board was presented with this year's Gold Manhole Crew for outstanding contributions to the operations and maintenance of sanitary sewer collection and conveyance.

CWP—Kentucky-Tennessee (CWP-KT)

At their annual conference, Clean Water Professionals of Kentucky and Tennessee presented two Golden Manhole awards.

- ◆ **Dewayne 'Bubba' Hines**, Collection System Maintenance Foreman at Bowling Green Municipal Utilities, was the Kentucky recipient
- ◆ **Randy Byrge**, Collection System Supervisor at Hallsdale-Powell Utility District, was the Tennessee recipient

Luis Leon wins this year's Collection Systems Award at WEFTEC



Luis Leon with WEF President Tom Kunetz. (Photo: WEF)

The Collection Systems Award is presented to an individual for contributions to the advancement of the state-of-the-art wastewater collection. **Luis León** has devoted more than 30 years to U.S. and international engineering and management experience in master planning, feasibility studies, asset management, design, permitting, and construction management of public and private infrastructure projects. His primary focus areas have been condition assessment and innovative trenchless approaches. Luis has exhibited leadership in these areas not only by completing successful

projects but by his devotion to mentoring others. Luis has made a significant impact in Central and South America.

He is a certified National Association of Sewer Service Companies trainer who has trained professionals in condition assessment approaches in both English and Spanish. León has been responsible for translating English materials into Spanish to support the growth and development of responsible collection system management throughout North, Central and South America, and conducted the first Pipeline Assessment Certification Program course in Colombia.



WEF Fellow's Jerome Iltis and Bradley Fix (Photo: B. Nakamura)

CSC WEF Fellows Recognized at WEFTEC

This year WEF recognized 15 distinguished member as the 2019 WEF Fellows recipients. This prestigious designation recognizes members' achievements, stature, and contributions in the water profession.

The WEF Fellows Recognition Program underscores WEF's role as a valuable water quality resource, which is due in large part to the expertise of its diverse membership.

The WEF CSC would like to recognize and congratulate 3 of it's committee members on their achievement of becoming a WEF

Fellow:

- ◆ Bradley Fix, Indiana Water Environment Association
- ◆ Adel Hagekhalil, California Water Environment Association
- ◆ Jerome Iltis, Water Environment Association of Texas



Dianne Sumego receives the WEF Volunteer Recognition Award

The Volunteer Service Recognition was created to recognize those members who significantly contribute to the successes and achievements of WEF through service in a WEF Committee or the HOD. This year's awardee from the Collection Systems Committee was **Dianne Sumego**.

Technical News

WEF CSC Releases 2 New Factsheets!

In September, the WEF CSC released two new factsheets on:

- ◆ [Flow Monitoring and Data Analytics](#) - Flow monitoring and data analytics are key to effective management of sanitary sewer collection systems and the development and optimization of capital, operation and maintenance programs. This fact sheet serves as a resource and reference guide for utility managers, practitioners and educators.
- ◆ [Lift Stations and Data Management](#)—Lift stations contain several components including the pumps, valves, piping, electrical and instrumentation control system necessary to move raw sewage from lower elevations to higher elevation, making them an essential component of many municipal sewer systems. This fact sheet provides young engineers, operation & maintenance staffs, utility managers, practitioners and educators the basics of lift station types, design basis, operation and maintenance, data management, and published reference materials currently available.



A big thank you to all of the leading authors and reviewers from the WEF CSC! For more information on WEF's Factsheets and to download other resources, [click here](#).



CSC at WEFTEC 2019

The WEF Collection System Committee (CSC) hosted a meeting on Sunday, September 30 during the 2018 WEFTEC conference with nearly 100 members in attendance.

The meeting was called to order by Chair, Kevin Waldron (2018-2019) at 2:00 pm and turned over to Dianne Sumego, Past Chair for the introduction of the New Vice Chair and promotion of officers.



CSC Leadership K. Waldron, J. Hewitt, S. Vallabhaneni, and J. Stewart (Photo: B. Nakamura)

The leadership for the 2019-2020 year was announced by Dianne which includes Chair: Jim Hewitt, Chair-Elect: Srin Vallabhaneni, Vice-Chair: Jimmy Stewart and Kevin Waldron as Past Chair.

New Chair Jim Hewitt started the meeting with the recognition of outgoing chair Kevin Waldron. Kevin his third year in the Chair succession of the new organizational structure serving as Chair. The Committee thanked Kevin for his leadership and contributions towards the CSC mission for the past three years!

After introducing the new leadership team for 2019-2020, Jim Hewitt and Rob Villee (CSC Chair Emeritus) recognized Outgoing Subcommittee Chairs and Group Leaders, whose dedication is a direct

correlation to the success of our committee. Outgoing leaders recognized:

- ◆ Ethan Edwards, Workshops

Thank you to Ethan for your efforts and leadership!

Luis Leon (CSC Chair Emeritus) was recognized for receiving the 2019 WEF Collection Systems Award for making outstanding contributions to the water environment profession. Luis addressed the meeting participants.

Chair Jim Hewitt moderated a technical discussion on intelligent sewer systems with a panel of three speakers focused on data driven innovations. The panel consist of representatives from ADS, EmNet and FloWav. Each speaker provided their perspectives on the state-of-the art, case study examples and observed impacts on evolving intelligent sewer system management. An interactive questions and answers session followed with participants questions, comments and additional thoughts/knowledge sharing.



Smart Sewers Panel led by J. Steffens, K. Moodie, and K. Enfinger. (Photo: B. Nakamura)

Committee activity highlight presentations were provided by select Subcommittee leaders.

- ◆ Phil Hubbard provided an overview and current activities of the newly created "Projects" Subcommittee.
- ◆ Susan Moisio provided a brief report on the WEF Program

Committee update and collection systems focused sessions at WEFTEC.

- ◆ Christy Wilson provided a report on Specialty Conference Subcommittee with a summary of successfully completed CS 2019 in Indianapolis, IN and on-going effort for planning CS 2020 in El Paso, TX.
- ◆ Dave Servidio provided a report on Workshops Subcommittee and summarized results of two workshops delivered in 2019.

This year's meeting included two interactive Live Polling sessions during the meeting. Several questions were posed to attendees with responses via text messaging utilizing the Poll Everywhere app. Tabulated results were live displayed. Participants actively participated and well received these interactive sessions. The data captured from this will be beneficial for committee leadership to impact: level of member engagement; growth planning; ideas/focus for various project groups within the Projects Subcommittee; and execute the existing CSC Committee plan and further refine it during future updates.



CSC Members attending the Meeting (Photo: B. Nakamura)

Chair Jim Hewitt adjourned the meeting at 5:00 pm.

Xylem win's the 2019 Innovative Technology Award for the Flygt Concertor™

This award recognizes a WEF member or company that has introduced new innovative products or services related to the construction, operation or maintenance of treatment facilities. This year the award was presented to [Xylem](#) for the Flygt Concertor™ Pump which resolves virtually every issue a pumping station can have without operator intervention. [Click here](#) to learn more about the Flygt Concertor™.

Seattle Public Utilities North Henderson CSO Reduction Project recognized as a WEF Project Excellence Awardee



[Seattle Public Utilities](#), [HDR](#), and [Hoffman Construction](#) were recognized at WEFTEC for the North Henderson CSO Reduction Project. Seward Park is home to one of the largest combined sewer overflow (CSO) storage tanks in the Seattle

area—North Henderson CSO Reduction project. To reduce untreated CSOs into the ecologically sensitive Lake Washington, the City of Seattle constructed the 2.7 million-gallon storage tank. Located under tennis courts in a 278-acre park, the new storage system reduces yearly CSO events to less than one—meeting a federal consent decree and improving Lake Washington water quality.

WEF CSC to Host 2nd Webcast in FOG Series



The webcast subcommittee will host its second webcast in its series on Fats, Oils, and Grease (FOG) on **December 12, 2019 from 1:00-3:00 PM EST** on [Into the FOG: Part 2 - Implementation and Innovation](#). The part 2 webcast, will be a continuation from the [FOG Part 1](#) webcast that occurred in May, and will continue on the topics of implementation of the program and innovations that have been applied based upon lessons learned and how coordination with other government departments can be a benefit.

There will be 2.0 PDHs offered for this webcast. For more information and to register for the webcast, [click here](#).

Colorado and Texas Teams Take Top Ops Challenge Honors

At WEFTEC 2019, teams from Colorado and Texas bested the rest during the 32nd annual Operations Challenge competition. The Rocky **Mountain Water Environment Federation's Elevated Ops** from Denver won Division 1 and the **Water Environment Association of Texas' South Mesquite Rangers** from Mesquite placed first in Division 2.

One of the most anticipated events during WEFTEC, Operations Challenge is a unique and fast-paced test of the essential skills needed to operate and maintain wastewater treatment facilities, their collection systems, and laboratories—all vital to the protection of public health and the environment.

Over the past 32 years, Operations Challenge has steadily grown from the original 22-team event to this year's record-breaking 46-team, two-division format that showcased competitors from as far away as Denmark.

Congratulations to all of the teams that competed!

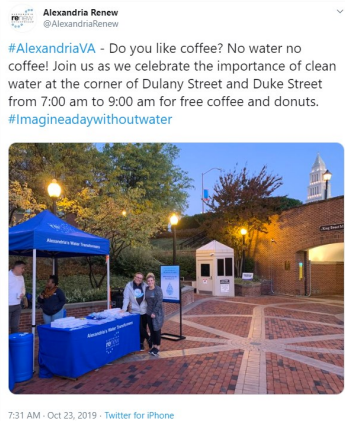
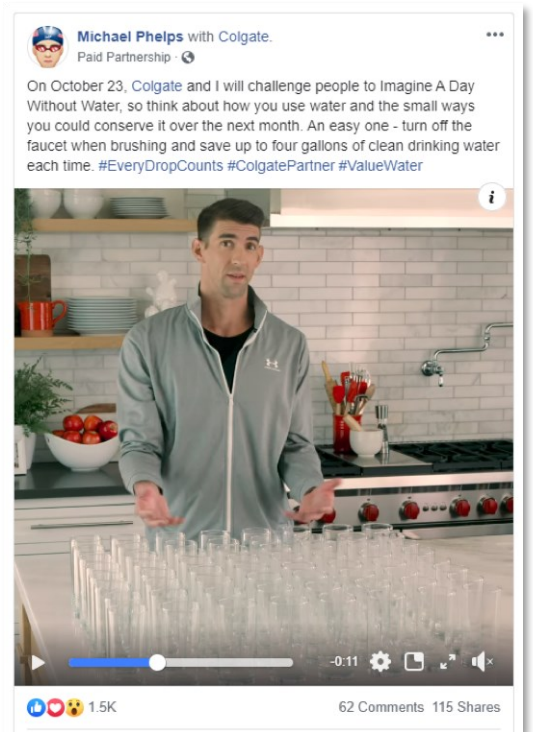
Did You Know?

Water Groups Participate in Imagine a Day without Water 2019

On October 23, many both in and outside of the water industry [Imagine a Day Without Water](#), to raise awareness and educate America about the value of water. Started in 2014 by the [U.S. Water Alliance](#) and its [Value of Water Campaign](#), the day is used to raise awareness of the importance of preserving the planet's most precious resource and the infrastructure that safely provides water to families across the country. In 2018, over 1,100 organizations (including WEF and many of our Member Association and Utility partners) participated.

This year continued to grow, with national corporation [Colgate](#) and their global ambassador for Colgate's "Save Water" campaign, Michael Phelps joining the fight.

Here are how a few other of our fellow waternerds spent the day raising awareness about the value of water!



This issue is brought to you by...
WEF CSC MA Outreach E-Newsletter Team

- ◆ Chip Smith, Member Services Chair, *North Carolina AWWA-WEA, South Carolina WEA, GAWP*
- ◆ Stephen King, *Alabama WEA, Kentucky-Tennessee WEA*
- ◆ Stuart Bowns, *Kentucky-Tennessee WEA*
- ◆ David Brown, *North Carolina AWWA-WEA, Virginia WEA*
- ◆ Ted DeBoda, *Chesapeake WEA*
- ◆ Jane McLamarrah, *WEA of South Carolina*
- ◆ Jerome Iltis, *WEA of Texas*
- ◆ Jimmy Stewart, *Alabama WEA, Chesapeake WEA, GAWP*
- ◆ Kara Keleher, *New England WEA*

- ◆ Roger Lehman, *Pennsylvania WEA*
- ◆ Kimberly Martin, *Kentucky-Tennessee WEA*
- ◆ Rosaleen Nogle, *New York WEA*
- ◆ Karyn Stickel, *Michigan WEA*
- ◆ Ron Thomann, *Kansas WEA*
- ◆ Heather Veal, *GAWP*

WEF CSC Leadership and Support

- ◆ Jim Hewitt, Chair, *Ohio WEA*
- ◆ Sriniv Vallabhaneni, Chair-Elect, *Indiana WEA*
- ◆ Jimmy Stewart, Vice Chair, *Alabama WEA, Chesapeake WEA, GAWP*
- ◆ Kevin Waldron, Past Chair, *Kansas WEA, Missouri WEA*
- ◆ Bri Nakamura, *WEF Staff Manager*