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Member Association News

Alabama WEA ([AWEA](#))

The AWEA Collection System Committee held their first workshop of 2016 at the Jefferson County Alabama, Environmental Services Facility. This is the first of 3 workshops scheduled throughout the state in 2016. Over forty water professionals attended the workshop where the following topics were discussed:

- ◆ CMOM- Buddy Morgan- Montgomery Water and Sewer Board
- ◆ CCTV- Jimmy Junkin- City of Tuscaloosa
- ◆ Root Control- Stuart Tillery- Dukes Root Control

The AWEA Collection System Committee (CSC) plans to host three (3) additional workshops prior to the AWEA annual conference in April of 2017.

California WEA ([CWEA](#))

The California Water Environment Association recently published an article on the [WDR 10 Year Anniversary](#) to our blog. We interviewed Jim Fischer, experienced investigator and former statewide Program Manager at the State Water Resources Control Board and highlighted some really great accomplishments from many California agencies with first hand experience using the regulation since its inception in 2006.

To read all the articles published by CWEA, click on the links below.

- ◆ [Sanitary Sewer System Waste Discharge Requirements hit 10 year mark – Jim Fischer at The State Water Board provides feedback on what has been accomplished](#)
- ◆ [SSO-WDR Order Hits 10 Year Mark – Is It Working?](#)
- ◆ [Phil Scott, CWEA Immediate Past President on WDR 10 Year Anniversary](#)
- ◆ [John Hicks, City of Glendale on successful implementation of Sewer System Management Plan](#)
- ◆ [City of Folsom provides tips on improving practice with the waste discharge requirement](#)

Chesapeake WEA ([CWEA](#))

In June 2016, the City of Baltimore filed a modification to their original 2002 Consent Decree (CD) with USEPA, Department of Justice and the Maryland Department of the Environment established to eliminate sanitary sewer overflows (SSO). The CWEA Government Affairs Committee offered to review the modified CD, during the public comment period, to provide a technical review of the document to the regulators from water professionals experienced in working with programs to improve the performance of sanitary sewer systems and eliminate SSO's. The Modified CD builds on the successes accomplished during the original CD which consisted of completing studies of the City's eight sewersheds, which identified critical components of the collection system that required rehabilitation/replacement to reduce wet-weather (Infiltration/Inflow) flows, and the development of an asset management program.

The Modified CD will enable the City to take advantage of the advances in engineering technology and analysis that have become more readily available since the initial promulgation of the CD. Specifically, the development of a system-wide sewer model and continuous simulation of 20 years of localized storms has enabled the City to identify and develop a plan to address significant hydraulic restriction within the sewer system, needed structural improvements, and a series of pipeline upgrades which are intended to eliminate a significant volume of SSO. Also, the Modified CD extends the completion date to 2030 to allow time to validate the efficacy of the improvements in a phased approach, to provide for more public transparency and to help address affordability for a billion dollar program.

Georgia Association of Water Professionals ([GAWP](#))

The Georgia Association of Water Professionals and the Collection System Committee is having a busy summer of 2016.

Member Association News (continued)

GAWP held its 2016 Annual Conference and Expo in Savannah Georgia from July 10-13th. The GAWP Wastewater Collection Systems Committee and its GWEF members organized two technical sessions. One of these sessions highlighted the winners of the Annual Collection System Awards given by the Committee to exceptionally managed wastewater systems. Presenters at this sessions represented Macon Water Authority, Peachtree City WSA, Cobb County, Douglasville-Douglas Co WSA, Clayton County Water Authority, Fulton County and Fayette County Water System.

The Collection System Committee is currently accepting submissions for the Collection System of the Year Award and nominations for the Golden Manhole Society. Information about both of these programs can be found at www.gawp.com in the Resources tab under Awards.

The Knowledge Pipeline program lead by the Committee will continue this fall with a workshop on October 5th in Douglasville, GA. These workshops are designed to be a convenient way for Wastewater Operators to earn the required recertification points for their licenses.

Finally, the Collection System Committee is always looking for new members to get involved in our programs and initiatives. Meetings are the generally the 4th Wednesday of the month at GAWP Headquarters at 11:30. The address is 1655 Enterprise Way, Marietta GA and lunch is provided, we look forward to meeting new members there.

Kentucky-Tennessee WEA ([KY-TN WEA](#))



Sewer History Exhibit Promotion in Knoxville, TN.
Photo : D. Hofer

The Kentucky-Tennessee WEA and the Kentucky/Tennessee Section of the AWWA held a joint meeting at the 2016 Water Professionals Conference in Knoxville, Tennessee from July 17 – 20. The Sewer History Exhibit, jointly sponsored by NASSCO and the Arizona Water Association, was prominently featured. The exhibit covers the history of sewers from approximately 3500 BC up to the 1960's. It was put together by CSC member, and AZ Water Association Historian, Jon Schladweiler over a period of several decades. The exhibit travels the country, going to five (5) or six (6) national, regional, or local sewer conferences per year. Jon or his fellow CSC member Dave Hofer (an apprentice curator) go with the exhibit to set it up and discuss sewer history with the attendees.

Dave was at this exhibit and commented that this was the most interested and enthusiastic audience he has experienced to date. Visitors started showing up even before the exhibit hall opened when only 70% of the display was in place, and were still looking at it when it was being dismantled. Some visitors even assisted with the setup and pack up! The nearby vendors (Dukes, ADS, LMK, Hobas, and others) commented that we were bringing extra visitors in for them and they really appreciated our presence. The visitors loved looking at the early wood water and sewer pipes,



Sewer History Exhibit in Knoxville, TN.
Photo : D. Hofer

one of which was a water pipe in Pennsylvania Avenue in Washington, DC when Abraham Lincoln was President! Many of the attendees had their own sewer history stories to tell and shared them freely, making it a learning experience for all. Younger attendees (generally those without gray hair) were fascinated by the technologies that were used and the inventiveness of our predecessors who didn't have all the modern machinery we take for granted today. Over the three days the exhibit was on display, well over 300 attendees stopped in, many more than once. A truly enjoyable experience for all!

Be sure to catch the Sewer History Exhibit at WEFTEC at booth 1553!

Rocky Mountain WEA ([RMWEA](#))

By Kelly Loyd, P.E.



The City of Aurora crew listen as Vicki Green, with Canyon Systems, Inc. demonstrates the power of Mission Communications SCADA system. Photo : RMWEA.

The mission of the Rocky Mountain Collection Systems Committee (RMWSC) is to promote the importance of collection systems throughout the Rocky Mountain Region by providing education, training, and resources to collection system personnel. Since its inception in 2013, the RMWSC has provided three training seminars, including most recently a Collection Systems Expo on June 9, 2016.

The Collection Systems Expo was held at the community center of the new Midtown Development in Denver. This outdoor exhibition provided the roughly 50 attendees with 0.40 TU credits and included hands-on demonstrations of equipment related to the construction, assessment, rehabilitation, and repairs of collection system pipes and lift stations.

Attendees included people who operate, provide engineering services, construct, and manage sanitary sewer collection systems.

There were 8 vendors showcasing a wide range of products. Attendees spent 30 minutes at each vendor station and rotated throughout the day.

"It was nice to see all parts of the system included, not just the pumps or the clean side. [Unlike other large training seminars I have



David Kurz (CDPHE) and Tim Good (Three Lakes Water & Sanitation) listen to Brian Looper, from Faris Machinery, demonstrate the CUES' CCTV inspection equipment. Photo : RMWEA.

Member Association News (continued)



Justin Wyatt, from Kois Brothers Equipment Co., highlights the many features of the Camel 1200 Sewer Cleaner. Photo : RMWEA.

been to, the smaller groups made learning] more personal, and I was able to get all my questioned answered." said Sherri Ashcraft, from the City of Aurora. "There was a good exchange of information. I learned new things and I was able to share information about Aurora as well. In fact, we are taking the information we learned to our supervisors in order to start using some of the new equipment we learned about."

This free event included breakfast, lunch, and a happy hour thanks to the generous support by the collection system exhibitors: Coombs-Hopkins, Canyon Systems, Inc., Falcon Environmental, Source One Environmental, Water Technology Group, Ten Point Sales, Kois Brothers Equipment Co., and Farris Machinery.

Adam Pelican with Falcon Environmental explained that supporting RMSCSC events makes sense because "Events like these are a relatively low cost way to provide direct support and contact with our end users. It gives everyone the opportunity to share knowledge, and allows us to stay relevant for our customers."

Adam also added "And I'm here for the beer". Happy Hour following the event was held at the newly opened Bruz Brewery

next door to the event.

If you are interested in learning more about RMSCSC and how to be involved visit our website at (<http://www.rmwea.org/RMWEA/committees/Collections/collections.html>) for more information.

WEA of Texas ([WEAT](#))



Participants, both EPA and State officials, in a technical session. Photo : D. Brown.

On August 15-16, 2016, US EPA Region 6 in association with WEA of Texas, the Texas Commission on Environmental Quality, and the City of Austin Water, held the "CMOM 2016": *Capacity, Management, Operation & Maintenance* workshop. The well attended workshop was held in Austin, Texas and allowed EPA and state regulators to

come together with their municipal permit holders to discuss examples of strong CMOM practices. Be sure to check back to [WEAT's](#) website for presentations from the workshop.

WEAT will also be hosting a free follow up webcast on **September 21, 2016** titled, *New SSO Rule—When and How to Use It*. [Click here](#) to view WEAT's upcoming calendar of events.

Technical News

WE&RF Research on Sustainable Integrated Water Management (SIWM)

Within the last couple of years, the Water Environment & Reuse Foundation (WE&RF, formerly the Water Environment Research Foundation) has been conducting research related to integrated water. This effort is to help facilitate and provide guidance for a paradigm shift in water management for cities and towns toward sustainable systems that integrate wastewater, stormwater, drinking water, and source water, as well as other infrastructure (e.g. energy, transportation, parks, etc.). One project, "Integrated Water Management with Urban Planning and Design" (SIWM5R13) which is being led by the University of Arizona, recently launched a national survey to better understand the barriers to increased collaboration between the water provider and land use planning sectors. The survey results will be used to guide the development of recommendations, tools, and case studies for practitioners. For more information on WE&RF's SIWM research portfolio, visit www.werf.org or [click here](#).

WE&RF Wastewater Pipeline Deterioration Model Project

In 2014, the Water Environment & Reuse Foundation (WE&RF, formerly the Water Environment Research Foundation) awarded Virginia Tech with a contract to develop a wastewater pipe deterioration model (project number U4R14). Building on Virginia Tech's previous work on WaterID, this project will explore

mathematical modeling methodologies including advanced artificial intelligence techniques to provide utility managers with a practical and efficient technique for predicting wastewater pipeline performance and estimating end of remaining life using deterioration curves to assist in decision making.

Virginia names June 30 as Drinking Water and Wastewater Professionals Appreciation Day

Forever a day our own (in Virginia)! In May, the Virginia General Assembly voted to declare June 30 as *Drinking Water and Wastewater Professionals Appreciation Day*. The day celebrate the efforts of water sector professionals to protect public health and the environment.

The idea for the day was brought up by the Prince William County Service Authority and heavily supported by:

- ◆ [Virginia Water Environment Association](#) (VWEA),
- ◆ Virginia chapter of the American Water Works Association (Denver),
- ◆ Washington Metropolitan Council of Governments (Washington, D.C.),
- ◆ Northern Virginia Regional Commission (Fairfax, Va.), and
- ◆ Virginia Rural Water Association (Buena Vista, Va.).

Congratulations to Virginia! And to read more about the establishment of Drinking Water and Wastewater Professional Appreciation Day, [click here](#).

WEFTEC 2016

September 24-28, 2016—New Orleans Morial Convention Center, New Orleans, Louisiana

Always highly attended, WEFTEC offers a variety of collection systems-focused programming, including technical sessions and workshops on the management, rehabilitation, and financing of these complex systems. The [WEFTEC Conference Announcement](#) is now available!

First Time at WEFTEC?

September 15, 2016 from 1:00 p.m.— 2:00 p.m. EST

Join WEF for “WEFTEC Orientation: Getting The Most From Your Time”, on **Thursday, September 15th from 1:00-2:00 p.m. EST**. Whether you have already registered or you just want to see what WEFTEC has to offer, this webcast will give you an overview of the networking opportunities, educational offerings, and how to make the most of your time with exhibitors. [Click here](#), to register now!

If you miss the webcast, don't worry! We will be having a live WEFTEC Orientation on **Monday, September 26th from 8:00-8:30 a.m.**

Collection Systems Committee Meeting at WEFTEC September 25, 2016 from 2:00 p.m.—5:00 p.m.

Join “seasoned”, new, and potential Collection Systems Committee volunteers at the WEFTEC CSC meeting on **Sunday, September 25, 2016 from 2:00 p.m.—5:00 p.m.** This year's meeting (and CSC Chair Rudy Fernandez's LAST) will feature updates from several CSC Subcommittees, a technical presentation, and the always fun roundtable/debate discussion. Hope to see you there!

Want to learn more about the CSC and what they do? Join members of our Member Services Subcommittee at the *CSC Introduction* on **Sunday, September 25, 2016 from 9:00 a.m. to 10:00 a.m.** in room 260.

For more information on the CSC, [click here](#).



Collection Systems at WEFTEC

([click here](#) for the Collection System Flyer)

Saturday, September 24, 2016

8:30 a.m. to 5:00 p.m.

- ◆ Workshop (W10) Private Property I/I Reduction: Challenges, Solutions, and Vision Forward
- ◆ (W11) Improve Your Facilities Management Toolkit: From Flow Monitoring to Modeling and Forecasting Tools

Sunday, September 25, 2016

8:30 a.m. to 5:00 p.m.

- ◆ (W23) Priming the Pumps and Exercising the Force Mains: The Basics and Beyond of Pumping Stations

9:00 a.m. to 10:00 a.m.

◆ CSC Introduction

9:00 a.m. to 11:00 p.m.

◆ CSC Subcommittees and Task Group meetings

2:00 p.m. to 5:00 p.m.

◆ Collection Systems Committee Meeting

5:00 p.m. to 6:30 p.m.

- ◆ Mix with Members (Open to all WEF Members)

Monday, September 26, 2016

10:30 a.m. to 12:00 p.m.

- ◆ Technical Session (103) Collection Systems: Private Property Programs in Practice

1:00 p.m. to 4:00 p.m.

- ◆ Tour (T3) Collection Systems Tour: Sewerage and Water Board of New Orleans (**SOLD OUT!**)

1:30 p.m. to 3:00 p.m.

- ◆ (211) PAA: Establishing a New Disinfection Technology
- ◆ (212) Collection Systems: Condition Assessment Technologies
- ◆ (213) Manufacturer's and Contractor's Perspective: An Overview of Sanitary Sewer Pipe Rehabilitation Technologies

1:30 p.m. to 5:00 p.m.

- ◆ (207) Odor and Corrosion Protection in Collection Systems

- ◆ (217) Integrated Planning: Making the Pieces Fit

3:30 p.m. to 5:00 p.m.

- ◆ (226) Collection Systems: CSO/SSO Control Methods

- ◆ (227) Collection Tunnel Systems

Tuesday, September 27, 2016

8:30 a.m. to 12:00 p.m.

- ◆ (311) Calibrating Large Urban Integrated Models: What is the Standard and is Your Model Really Calibrated?

- ◆ (312) Collection System Basics: System Assessments and Tools

12:00 p.m. to 1:30 p.m.

◆ 14th Annual Collection Systems Luncheon

1:00 p.m. to 3:00 p.m.

- ◆ (415) Green Infrastructure Finance

1:00 p.m. to 5:00 p.m.

- ◆ (406) Asset Management of Vertical Assets
- ◆ (407) Odor Assessment, Impact, and Control in WRRFs
- ◆ (412) The Role of Green Infrastructure in Flood Mitigation Design: Research Innovations and Global Case Studies

Wednesday, September 28, 2016

8:30 a.m. to 12:00 p.m.

- ◆ (508) Asset Management of Linear Assets
- ◆ (512) Pumping and Construction in Collection Systems
- ◆ (514) Green Infrastructure Case Studies: Program Management to Project Implementation

9:00 a.m. to 10:30 p.m.

- ◆ Mobile Session: Reducing I/I Through Sewer Rehabilitation

9:30 a.m. to 1:00 p.m.

- ◆ (W28) Practical Operation and Maintenance of Pumps: Portable Self-Priming Pumps

1:00 p.m. to 4:30 p.m.

- ◆ (T9) Collection Systems Tour: Sewerage and Water Board of New Orleans (**SOLD OUT!**)

1:30 p.m. to 5:00 p.m.

- ◆ (607) Emerging Collection System Topics and Technologies

14th Annual Collection Systems Luncheon, Featuring Adel Hagekhalil



Join us on **Tuesday, September 27th from 12:00-1:30 PM!**

This year's Collection System Luncheon will feature Mr. Adel Hagekhalil of the Los Angeles Sanitation District.

Join fellow collection systems professionals to network and hear this fascinating story about the City of Los Angeles OneWater plan. The City of Los Angeles (City) One Water LA 2040 Plan (One Water LA) builds

on the success of the City's Water Integrated Resources Plan (IRP) to achieve a greener, more reliable, and sustainable water future for Los Angeles beyond the year 2020. You won't want to miss hearing from this collection systems leader and the interesting examples of sustainability and cooperation Mr. Hagekhalil will be describing. Be sure to purchase your tickets early, as this luncheon usually sells out!

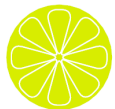
WEFTEC: Huddle Room Open for Reservations

WEF Members and WEFTEC Exhibitors can reserve one of the four semi-private Huddle Rooms on a first-come, first-serve basis at no cost. Reservations are available by appointment only with a 2-hour maximum limit per meeting.



Reservation Deadline: Monday, August 31

For more information on the Huddle Room and how to make reservations, [click here](#).



mix with members

WEFTEC: Mix with Members - Exclusively for WEF Members

**Sunday, September 26 | 5:00 - 6:30 pm
New Orleans Morial Convention Center,
Great Hall Foyer**

Right after the Collection Systems Meeting, join fellow WEF Members at this exclusive networking event held at the New Orleans Morial Convention Center. Enjoy cocktails and conversation with members of WEF technical communities, and WEFTEC exhibitors. WEF Members that register for WEFTEC 2016 will receive an invitation.

WEFTEC: Member Lounge - Exclusively for WEF Members

**Monday - Wednesday, September 26-28
New Orleans Convention Center, Booth 6847 - Hall H
8:30 am - 5:00 pm**

The Member Lounge is a new exclusive benefit for WEF Members at WEFTEC this year. Located in Booth 6847 in Hall H, the Member Lounge offers comfortable seating area, WiFi hotspot, and complimentary coffee service and light snacks. Stop by to take a quick break from your hectic WEFTEC schedule.

DC Water and the Water Environment Federation Launch National Green Infrastructure Certification Program Website

[DC Water](#) and the [Water Environment Federation](#) (WEF) have launched a website for the National Green Infrastructure Certification Program (NGICP), and in-development national certification for green infrastructure (GI) construction, inspection, and maintenance workers. The [website](#), is the best resource for the latest program news and updates; access to valuable industry and certification resources; and links to a range of regional training opportunities. The first certifications are expected in early 2017. Designed to meet international best practice standards, the certification - including a requirement for regular re-certification - will verify that individuals performing the installation, inspection, and maintenance of GI have the required knowledge, skills, and abilities to support long-term performance and sustainability of these systems. For more information about the National Green Infrastructure Certification Program, [click here](#).

Water Sector Groups to Recognize 61 Utilities for Exceptional Performance

A partnership of water sector organizations - National Association of Clean Water Agencies ([NACWA](#)), the Water Environment Federation ([WEF](#)), the Water Environment & Reuse Foundation ([WE&RF](#)) and the [Water Reuse Association](#) - with input from the U.S. Environmental Protection Agency ([EPA](#)) - proudly announce the recipients of the inaugural Utility of the Future (UOTF) Today Recognition Program. The program celebrates the progress and exceptional performance of wastewater utilities while supporting the widespread adoption of the innovative UOTF business model. Sixty-one public and private utilities from across the U.S., Canada, and Denmark were selected from an impressive number of first year entries by a peer committee of utility leaders. [Click here](#) to read more about recognized utilities.

WEF Water Advocates - Calls-to-Action

The new [Water Advocates](#) website has two calls-to-action on significant bills currently pending in Congress. You can use the easy on-line "Write your Congressman" tool to electronically submit the pre-drafted letters to your Senators and Representatives. The tool gives you the flexibility to edit/add to the draft letter. The first call-to-action is urging the House and Senate to increase funding for water infrastructure in the FY 2017 appropriations bills. The second call-to-action urges the Senate to pass the Water Resources Development Act of 2016 (WRDA). As water professionals, WEF members can, and should be the voice for the water sector before elected officials. Be a part of the grassroots advocacy at the federal, state, and local levels, and provide advice and guidance on how to engage with your elected officials and the public on important issues impacting the water sector.

Call for Abstracts—Collection Systems 2017

Get geared up for 2017's Collection Systems Specialty Conference in Omaha, Nebraska on **May 21-24, 2017!** This year's conference is appropriately themed *Collection Systems 2017: Collections in the Heartland—Collecting Today for a Cleaner Tomorrow.*

We are currently soliciting for abstracts on the following:

- ◆ System Operations and Maintenance (O&M)
- ◆ Planning
- ◆ Design and Construction- Delivering Capital Projects
- ◆ Affordability
- ◆ Green Infrastructure/ Stormwater Management
- ◆ Intelligent Water Networks
- ◆ Asset Management
- ◆ Wet Weather/Combined and Sanitary Sewer Overflows
- ◆ Trenchless/New Construction/ Rehabilitation
- ◆ Pump Stations/Force Mains, and Manholes

Abstracts must be received by **Midnight EST on September 14, 2016.**

For more information and to submit an abstract, [click here](#).



Did You Know?

Imagine a Day Without Water



Try to imagine a day without water: No water to drink, no water to flush the toilet. A day without water means you couldn't make coffee, do the laundry, or brush your teeth. Hospitals would have to close without water. Firefighters couldn't put out fires, and farmers couldn't water their crops. Sign up [here](#) to join us for *Imagine a Day Without Water* on **September 15, 2016** as we raise awareness and educate America about the value of water. You can also access a number of [resources](#) to help your organization plug into Imagine a Day Without Water and easily get the word out. These [resources](#) include an op-ed template, a sample press release, a resolution template, and more. [Click here](#) to visit their website and sign up today!

WEF will also be hosting a FREE webcast on **September 8, 2016 from 1:00-2:00 PM EST** to provide an update on the WEF Water Advocates Program and an Imagine a Day Without Water Tutorial! [Click here](#) to learn more and register for the webcast!

This issue is brought to you by...

WEF CSC MA Outreach E-Newsletter Team

- ◆ Kevin Waldron, Member Services Chair, *Kansas WEA, Missouri WEA*
- ◆ Jimmy Stewart, Member Services Vice-Chair, *Alabama WEA, Chesapeake WEA, GAWP*
- ◆ Jane Bayer, *Chesapeake WEA*
- ◆ Stuart Bowns, *Kentucky-Tennessee WEA*
- ◆ David Brown, *North Carolina AWWA-WEA, Virginia WEA*
- ◆ Daniel Coleman, *Chesapeake WEA, Virginia WEA*
- ◆ Ted DeBoda, *Chesapeake WEA*
- ◆ Mark Huber, *Alabama WEA*
- ◆ Jerome Iltis, *WEA of Texas*
- ◆ Roger Lehman, *Pennsylvania WEA*
- ◆ Christine Radke, *Chesapeake WEA, Virginia WEA*
- ◆ Chip Smith, *North Carolina AWWA-WEA, South Carolina WEA, GAWP*
- ◆ Michael Quamme, *North Dakota WEA*
- ◆ Heather Veal, *GAWP*

WEF CSC Leadership and Support

- ◆ Rudy Fernandez, Chair, *Florida WEA*
- ◆ Luis Leon, Vice-Chair, *California WEA*
- ◆ Bri Nakamura, *WEF Staff Liaison*

Let us highlight what your MA is doing in the realm of collection systems. 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

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.