

Member Association News

<u>Central States Water Environment Association (CSWEA)</u> – <u>Wisconsin Section</u>: Collection Systems Committee

The <u>Wisconsin Section of CSWEA</u> and the <u>Wisconsin Wastewater Operator's Association</u> are sponsoring their **24**th **Annual Collection System Seminar** on July 9, 2011 in Watertown, WI. The one-day program will feature collection system relevant topics such as private source I/I, sediment and erosion control, collection system rehabilitation, and cleaning equipment demonstrations. <u>Click here for more information</u>.

<u>Indiana Water Environment Association (IWEA)</u> - <u>Collection Systems Committee (CSC)</u>

For over a decade, IWEA CSC has offered a Construction Inspection Course to educate inspectors, operators, and engineers on the basics of sewer and water construction. The three-day course draws 50-100 attendees each March, offers continuing education credits for operators and engineers, and a certificate of completion for those achieving a passing score on the final exam (a requirement for inspectors on Indianapolis DPW projects).

To keep pace with industry changes and new technologies, IWEA CSC has undertaken the task of updating the Inspection Manual provided to each course attendee. To do this, the group is tackling one new topic at each monthly meeting. These roundtable discussions have been beneficial and fun – sharing ideas and tips on topics ranging from Recordkeeping to Site Safety to Underground Rehabilitation. The goal is to have an updated manual ready for the 2012 Course.

If you are interested in contributing to IWEA CSC, please contact either co-chair <u>Eric Carleton</u> or <u>Eric Haenlein</u>.

If there is anything that makes your MA unique, we'd like to know about it. 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 Kevin Waldron at waldronkc@cdm.com.

2010-2011 MA Golden Manhole Award Recipients

Chesapeake WEA

 Hiram Tanner (DCWater—Department of Sewer Services)

Illinois WEA

 Bob Voss (Illinois Environmental Protection Agency)

WEA of South Carolina

- Kristen Champagne (Dorchester County Water and Sewer District)
- Joel Jones (Spartanburg Water)

NEW to our CSC MA Outreach E-Newsletter, in each issue we will recognize Collection Systems professionals in your Member Association. Here's your chance to acknowledge your MA's Golden Manhole Award - or any equivalent Collection Systems distinguished award—recipients. Please contact Kevin Waldron at waldonkc@cdm.com if you'd like to contribute.

Technical News

Task Order 59—Condition Assessment of Collection Systems Reports

In 2007, the United States Environmental Protection Agency (USEPA), Office of Research and Development, National Risk Management Research Laboratory commenced implementation of a research plan to directly support the Agency's Sustainable Water Infrastructure Initiative. Task Order 59 Condition Assessment of Collection Systems is one of seven projects implemented under this research plan. The objectives of this task order include:

- Identification and characterization of the state of the condition assessment technology for wastewater collection systems.
- Preparation of protocols, metrics, and site selection criteria and selection of innovative condition assessment technologies and decision-support systems for controlled-condition testing and field demonstration.
- Identification and evaluation of innovative CCTV technologies currently used by more advanced wastewater utilities for transfer to utilities at large.
- Research and evaluation of performance and cost of innovative and advanced monitoring technologies including wireless and remote sensing approaches developed in other industries of their applicability to assessing the conditions of wastewater collection sewers.

The Cadmus Group was hired, in association with The Louis Berger Group Inc., ADS Environmental Services, and Red Zone Technology, to complete

Technical News (Continued)

the Task Order. The WEF Collection Systems Committee (CSC) was one of seven stakeholder groups invited to provide input throughout the project. Several reports have since then been published. The titles include:

- <u>Condition Assessment of Wastewater Collection Systems: State of Technology Review Report (EPA/600/R-09/49, May 2009)</u> This White Paper
 was one of the first work products created under Task Order 59. It summarizes the current state of condition assessment technologies, reviews
 mechanisms of pipe failure, discusses emerging and innovative technologies for sewer inspection, and presents a summary of the Technology
 Forum held in September 2008.
- Innovative Internal Camera Inspection and Data Management for Effective Condition Assessment of Collection Systems (EPA/600/R-10/082,
 <u>April 2010</u>) This guidance document identifies and evaluates innovative closed-circuit television (CCTV) and related technologies currently used
 by more advanced wastewater to conduct condition assessment programs. Technology applications and lessons learned from seven utility case
 studies are summarized and used to illustrate specific concepts.
- Report on Condition Assessment of Wastewater Collection Systems (EPA/600/R-10/101, August 2010) This report presents the results of this
 three-year research project. This report provides utilities information on current innovative and emerging technologies for conducting sanitary
 sewer condition assessments. Information includes performance data and cost information which can be a useful resource when selecting the
 appropriate technology given the system's characteristics, history, and condition assessment goals.

"Flushable but not Dispersible" Questionnaire—STAY TUNED!

WEF's CSC has a project underway to better quantify problems in sanitary sewer systems that are caused by products that are sold as "flushable" but are not dispersible. In response to identified problems by a proactive group of collection facilities operators, committee members are collaborating with one of the leading product industry organizations to encourage better product testing, consumer education, as well as appropriate labeling for the consumer on proper disposal methods. Increased O&M and their related costs to "de-rag" pressure and gravity facilities to prevent SSOs may no longer be an acceptable approach for facilities owners. Within the next few weeks a survey will be sent to all MAs to forward to sanitary sewer utilities in your region.

WEF News

WEF Webcast: Perspectives on Service Lateral Rehabilitation

June 1st, 2011, 1:00pm to 3:00pm Eastern

Will the service lateral "Repair" (structural or non-structural) be made at the connection or somewhere along its length via spot excavation or spot lining? Will the lateral possibly require "Renewal" via robotic techniques employing internal injection? Perhaps, lateral "Replacement" will be the option chosen (conventional open cut excavation or pipe bursting). The "R" that you select will depend on your site-specific situation and needs.

This is the 3rd installment of the Perspectives on Collection Systems Rehabilitation and Replacement Webcast Series. Visit www.wef.org/CSWebcasts/ for more information.

Individual webcasts: Members \$155, Nonmembers \$195

Buy three webcasts, get one free of charge! (For previously recorded webcasts, you will receive a copy on CD.)

As for all WEF webcasts, attendees are eligible to receive Professional Development Hours (PDHs). Each webcast will provide 2 PDH credit hours.

Visit $\underline{www.wef.org/CSwebcasts}$ for more information.

REGISTRATION NOW OPEN!

Collection Systems 2011 Conference - Rehab or Roulette: Is Our Environment at Risk?

June 12-15, 2011, Raleigh, North Carolina (in cooperation with the North Carolina AWWA-WEA)

Special Events to Note:

- Charity Golf Tournament to support Water for People—Sunday, June 12, 9:00am to 3:00pm at the Arnold Palmer Signature Lonnie Poole Golf Course at NC State University (Ticket price \$100)
- NCAWWA-WEF Sponsored Social Event—Sunday, June 12, 6:30pm to 11:00pm at the Union Tavern in Raleigh
- Networking Reception—Monday, June 13, 5:00pm to 6:30pm in the Exhibit Hall at the Raleigh Convention Center
- WEF Collection Systems Committee Meeting—Tuesday, June 14, 3:45pm to 5:45pm (stay tuned for location)

Click here for the full conference program

**Book your room at the Sheraton Raleigh Hotel by May 20th and receive the discounted conference rate of \$140 per night! When booking, please ask for the Water Environment Federation's Collection Systems Conference.

WEF CSC Sponsored Events at WEFTEC2011

October 15-19, Los Angeles, California

Registration is now open! Visit www.weftec.org for more details.

Saturday, October 15th

- 8:30am-5:00pm—Workshop 107: When Good Water's Gone Bad: Prevention and Control of Sewer System Overflows
- 8:30am-5:00pm—Workshop 108: The City of Los Angeles Interceptors Breathe a Sigh of Relief: Collection System Ventilation and Odors Evaluation and Solutions

WEF News (Continued)

Sunday, October 16th

- 8:30am-5:00pm—Workshop 209: Green Infrastructure: Beyond the Hype to Real Results
- 12:00pm-5:00pm-WEF Collection Systems Committee Meeting

Monday, October 17th

1:00pm-4:30pm—Tour 2: Collection Systems Tour: Los Angeles Sewer Tour—Discovering What Lies Beneath

Tuesday, October 18th

• 12:00pm-1:30pm—Collection Systems Luncheon

Be sure to check the <u>Technical Program</u> for a number of Collection Systems focused Technical Sessions. Topics include unique and effective design solutions for collection systems problems, private property and public outreach efforts, rehabilitation success stories, trenchless technology applications, and basic collection systems information.

Did you know?

Federal Court Rejects U.S. Request For Pact With Akron on Sewer Overflows

A federal judge has denied an unopposed request by the U.S. Department of Justice to enter into a consent decree with Akron, Ohio, to resolve stormwater overflow issues, stating that the court disagreed with the parties' view that "any decree is better than no decree at all" (*United States v. City of Akron*, N.D. Ohio, No. 5:09CV272, 3/17/11).

Judge John Adams of the U.S. District Court for the Northern District of Ohio found after a two-day "fairness hearing" in January that the consent decree offered to resolve Clean Water Act violations was neither "fair, reasonable, adequate" nor "in the public's best interest." "Pending before the Court is little more than an agreement to agree," Adams wrote March 17.

Cheri B. Cunningham, director of law for Akron, told BNA March 18 that city officials were "completely unhappy" and "angry" about the court's ruling. She said the city will appeal the order to the U.S. Court of Appeals for the Sixth Circuit. She said she was unaware of any other combined sewage overflow case in which the parties had reached agreement on issues, only to have a court reject the consent decree. Both state and federal environmental authorities supported the decree, Cunningham said.

The court found that the timeline proposed by the Environmental Protection Agency was "too lengthy, too uncertain, and too dependent upon future agreement amongst the parties."

Excerpt of article published in March 22, 2011 issue of "Daily Environment", publication of the Bureau of National Affairs, Inc. (BNA). Visit: http://case.edu/thinklaw/pdf/BNA.pdf for the full article.

City of Evansville, Indiana, Agrees to Upgrade Sewer Systems to Comply with Clean Water Act

The city of Evansville, Ind., has agreed to make extensive improvements to its sewer systems that will significantly reduce the city's longstanding sewage overflows into the Ohio River in a comprehensive Clean Water Act settlement with federal and state governments, the Justice Department, the U.S. Environmental Protection Agency (EPA), and the state of Indiana announced on January 6. The agreement would resolve allegations made in a lawsuit filed by the United States and Indiana in September 2009 against Evansville for alleged violations of its Clean Water Act discharge permits.

Evansville's sewer system has a history of maintenance and system capacity problems that result in it being overwhelmed by rainfall, causing it to discharge untreated sewage combined with storm water into the Ohio River. Under this settlement, the city will improve operation and maintenance, as well as develop and implement a comprehensive plan to increase capacity of its sewer system to minimize, and in many cases, eliminate those overflows. Costs may exceed \$500 million. The plan must be fully implemented by calendar year 2032 or 2037, depending on Evansville's financial health. Additional measures to improve the capacity, management, operation, and maintenance of its separate sanitary sewer system to eliminate overflows of untreated sewage will begin immediately.

In addition, the city will take immediate steps to upgrade the treatment capacity of its two wastewater treatment plants. In total, the measures undertaken by the city of Evansville and required by today's settlement will help eliminate over four million pounds of pollutants and hundreds of millions of gallons of untreated overflows discharged into the Ohio River and Pigeon Creek every year.

The full report can be accessed by clicking here: http://www.justice.gov/opa/pr/2011/January/11-enrd-014.html

Collection Systems. We deliver.