



Collection Systems Conference 2020

Technical Program

(Updated December 18, 2019)

June 2 – 5, 2020

El Paso Convention Center

El Paso, Texas

This conference is being held by the Water Environment Federation (WEF) in cooperation with the Water Environment Association of Texas (WEAT) and the Water Research Foundation (WRF).

Session 12: Potpourri
Friday, June 5
8:30 AM - 11:45 AM

- 8:30 AM** **Anyway They Want It, That's the Way You Need It: The Journey of Persuasive Presentations**
Heather Wootton, Krysten Marshall, Garver
- 9:00 AM** **A Utility of the Future Today - Dale City Wastewater Collection System**
Yanjin Liu, Ronald Cook, Suzanne Chiavari, American Water
- 9:30 AM** **You Got the Grant, Now What? Lessons Learned for Outreach in Large Colonias**
Irazema Rojas, Christina Montoya-Halter, El Paso Water
- 10:00 AM** **Networking Break**
- 10:15 AM** **Report Card Time!- Developing a Functional Grading System for Lewisville, TX Sanitary and Water Distribution System**
Becky Rogers, RJN Group; Tarig Ahmed, City of Lewisville; Daniel Jackson, RJN Group
- 10:45 AM** **Small Holes, But Big Wins: Onondaga County's Save the Rain's Approach to System Optimization for Reducing CSOs**
Zachary Monge, Jacobs; Frank Mento, Adam Woodburn, Onondaga County Department of Water Environment Protection
- 11:15 AM** **City of New Orleans Green Infrastructure from Concept to Constructability**
Jessica Watts, CDM Smith
- 11:45 AM** **Conference Adjourns**
- Alternate:** **Juggling Multiple Funding Sources**
Kimberly Labree, Parkhill, Smith & Cooper, Inc.
- Alternate:** **Life Cycle Cost Analysis: A Vital Tool for Collection System Rehabilitation Decision Making**
Bevin Beaudet, Bevin A. Beaudet, P.E., LLC; Bruce Tobey, Pannone, Lopes, Devereaux & O'Gara, LLC; Scott Harder

Session 13: Inspection & Rehab
Friday, June 5
8:30 AM - 11:45 AM

- 8:30 AM** **Filling the Void: Insight on Grouting the Annular Space in Trenchless Installations and Lessons Learned from Case Studies**
Joshua Farmer, Kyle Drumheller, Hazen and Sawyer
- 9:00 AM** **Data Quality Evaluation Process for Sewer Pipeline Assessment and Certification Program (PACP) Inspection Data**
Hossein Khaleghian, Yongwei Shan, Oklahoma State University
- 9:30 AM** **From Visual Inspection to Fact-Based Data Smart Eyes on the Collection System**
Jay Boyd, ADS Environmental; Jesus Escalona, City of San Diego
- 10:00 AM** **Networking Break**
- 10:15 AM** **Large Pipe Condition Assessment – How to Maximize the Benefit from Laser, LiDAR, and Manned Entry Inspection**
Sean O'Rourke, Hazen and Sawyer
- 10:45 AM** **Implementing an Effective Zoom Camera Program in Support of an EPA Consent Decree**
Jeffrey Griffiths, Derek Holderman, Hydromax USA; John Minnett; James Reid
- 11:15 AM** **Case Study: Fast-Track Inspection and CIP Lining Projects in Downtown Fort Lauderdale**
Alexandra Kelly, Hazen and Sawyer; Krishan Kandial, City of Fort Lauderdale
- 11:45 AM** **Conference Adjourns**
- Alternate:** **Using Automated Numerical and Computing Methods to Analyze Large Volumes of Sanitary Sewer Evaluation Survey Data**
Michael Bisignani, Tyler Pitts, GHD; Josh Shoff, AQUA
- Alternate:** **CIPP Lining Lessons Learned on a 30-inch DIP Force Main**
Matthew Johnson, CDM Smith

Session 14: Texas Topics II

Friday, June 5

8:30 AM - 11:45 AM

- 8:30 AM Effective Utility Management through Collaboration – Learning from Houston Water and DC Water Initiative**
Fazle Rabbi, Houston Water; Alireza Parhami; Shannon Dunne, City of Houston; Salil Kharkar, DC Water
- 9:00 AM Creative Rehabilitation Offers Cost-Effective Solution for Critical Lift Station**
Jordon Harris, Lockwood, Andrews, & Newnam, Inc.
- 9:30 AM It ain't over till it's over! Using Post Construction CCTV for EPA Compliance and Long-Term Asset Management**
Katherine Overstreet, CP&Y; Annette Duron, San Antonio Water System; Marisa Vergara, CP&Y Inc
- 10:00 AM Networking Break**
- 10:15 AM Critical El Paso Force Main with High Consequence of Failure undergoes Multifaceted Condition Assessment**
George Schaaf, Xylem
- 10:45 AM Unintended Consequences of Water Conservation in Wastewater Collection Systems**
Christopher Nance, Michael Ramirez, Parkhill, Smith & Cooper
- 11:15 AM Demonstrating Real-Time Collection System Monitoring for Enhanced Source Control**
Eva Steinle-Darling, Carollo Engineers; Nancy Nye, El Paso Water
- 11:45 AM Conference Adjourns**
- Alternate: The Good, The Bad, and The Ugly (Of Water Conservation and Corrosion Control)**
Fernie Silva, Brown and Caldwell
- Alternate: Dynamic Duo: Integrating Capacity and Risk in a Prioritized Approach to CIP Planning**
Ethan Shires, Cullen Carlson, Freese & Nichols Inc; Melvin Machayo, Dallas Water Utilities