



MWEA FALL TECHNICAL CONFERENCE AGENDA

Thursday,
November 6, 2025
Stoney Creek,
Columbia, MO

ROOM 1

8:00 AM - 8:30 AM

Flow Monitoring FUNdamentals

By Ryan Fleming, Trekk

8:30 AM - 9:00 AM

A Surprise Discovery: Using a Hydraulic Model to Understand the Capacity of Your Collection System

By David Ecklund, Burns & McDonnell

9:15 AM - 10:15 AM

Collection System Modeling 201 - Advanced Tools in InfoWorks ICM

By Taylor Christmas, Woodard & Curran

10:20 AM - 11:20 AM

A Pump Guru and a Pump Newbie Walk into a Conference Room

By Kyla Strickler, Woodard & Curran and Mickey Bernard, Hydro-Kinetics

11:25 AM - 11:55 AM

Pump Station Expansion Employing Two Emerging H&H Modeling Tools

By Joslyn Townsend, AECOM

12:55 PM - 1:25 PM

Map It, Manage It, Master It: The Power of Spatial Thinking in Asset Management

By Kristen Wenzel, TREKK Design Group, LLC

1:25 PM - 1:55 PM

The Power of Data Visualization in Water and Wastewater Systems Management

By David Ecklund, Burns & McDonnell

2:10 PM - 3:10 PM

Bye-Bye Biotowers: BNR Improvements at KC Water's Blue River WWTP

By Garrett Sheehan, Carollo and Carey Robinson, City of Kansas City Missouri

3:15 PM - 4:15 PM

Sidestream Fermentation: 6 years of Successful Operation at the Wakarusa River WWTP

By Edmund Kobylinski, Olsson

4:15 PM - 4:45 PM

Being Intergenerationally Minded (BIM) with Design Evolution

By Suzie Carpenter, Black & Veatch and Brian Melton, Black & Veatch

ROOM 2

8:00 AM - 9:00 AM

Lessons Learned from Missouri's Municipal Wastewater Nutrient Optimization Pilot Project

By Jim Fitzpatrick, Black & Veatch and Mike Tate, T8 Environmental, LLC

9:15 AM - 10:15 AM

Managing PFAS in Industrial Discharges: Regulations and Best Practices

By Katie Bruegge, DROP Collaborative and Sarah Struby, Stinson

10:20 AM - 11:20 AM

How to Respond to the Unexpected: Industrial Slug Loading

By Sandy Bernard, Lochmueller Group

11:25 AM - 11:55 AM

When Dreams Become a Reality: How a Rural Missouri Community Accommodated Rapid Growth

By Allison White, Burns & McDonnell

12:55 PM - 1:25 PM

I Need to Repair My Sewer Without Interrupting the Flow of Beer

By Angela Martin, St. Louis MSD

1:25 PM - 1:55 PM

The Fatberg of 2023

By Emily Lute, City of Moberly

2:10 PM - 3:10 PM

Phosphorus: Role and Analysis in Wastewater Treatment

By Zach Wilson, City of Springfield

3:15 PM - 4:15 PM

Year One of Five: St. Louis MSD's Bissell Point & Lemay WWTFs Fluidized Bed Incinerator Design-Build Project

By Raed Armouti, Crawford, Murphy & Tilly, Inc.

4:15 PM - 4:45 PM

So you think you can DENSE

By Adrian Romero, Black & Veatch and Bridget Moore, Black & Veatch

9:00 AM - 9:15 AM | BREAK

10:15 AM - 10:20 AM | BREAK

11:20 AM - 11:25 AM | BREAK

11:55 AM - 12:55 PM | LUNCH

1:55 PM - 2:10 PM | BREAK

3:10 PM - 3:15 PM | BREAK