

I&I elimiNATION


IDENTIFYING THE CAUSES, CONSEQUENCES, AND CORRECTIVE ACTION

Workshop Date: Monday, May 17, 2021

Location: Music City Center, Nashville, TN
Room: TBA

Agenda (as of Dec. 14, 2020)



Time	Topic	Presenter	
1:00-1:10	Welcome Why this event is important		Robert Carpenter Editor-in-Chief Underground Construction
1:10-1:20	Moderator		Don Rigby Logiball
PART A: The Cause & Consequences of I&I			
1:20-1:40	Asset Owner Perspective: What's working and why in Naperville		Tony Conn City of Naperville, IL
1:45-2:05	Consultant Perspective: Identifying the Problem--step one, step two—be proactive and holistic		George Kurz, PE Independent Expert
2:10-2:30	State (Tennessee) Regulatory Perspective: Moratorium Metrics and the Cost and Consequences of I/I The presentation describes the application of NPDES permit language unique to the State of Tennessee relative to self-imposed moratoriums and the metrics used to		Robert O'Dette, PE TN Department of Environment and Conservation

	remove a permittee from a moratorium. The cost and consequences of I/I are also discussed using the evaluation metrics which include project life cycle cost analyses.		
2:35-2:55	Engineer Perspective: Design life, cost/value, execution is everything.		Jim Shelton, PE ARCADIS
3:00-3:20 REFRESHMENT BREAK/PROFESSIONAL NETWORKING			
PART B: Corrective Action--TOOLBOX			
3:20-3:40	Injection Grouting for Sealing the Collection System and Controlling Infiltration.		Britt Babcock, PE Avanti International
3:45-4:05	Devices to Mitigate I&I in Sanitary Sewer Manholes We will discuss a range of “devices” that can be used to stop inflow and infiltration in existing sanitary sewer manholes as well as prevent it in new manholes. These “devices” are proven to be cost effective and relatively easy to install for contractors and sewer maintenance personnel.		Lee Haessig Cretex Specialty Products
4:10-4:30	MH Rehab—restore structure, protect against corrosion, water-tight for 30% source I&I		Jeremy Sukola Madewell Products Corp.
4:35-4:55	CIPP Lining of Mains & Laterals As part of the sewer rehabilitation toolbox, CIPP is one of many rehab technologies available. Deciding the proper course to rehabilitate a sewer pipe depends upon the problems found within. Cured-In-Place Pipe (CIPP) is a well-established pipe renewal process. This final segment will define what CIPP is, the different types of		John Manijak Michels Corp

	installation, and when this pipe rehab method would be preferred. Wrapping up the day's events, this segment will bring together the previously discussed technologies and how they relate to one another in the holistic approach to I&I elimination.	
5:00-6:00 CLOSING COMMENTS & NETWORKING MIXER		

Note: Five minutes will be added to each session for panel discussions.

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