

# MUNICIPAL FORUM ON TRENCHLESS TECHNOLOGY

Vancouver Water Resources Ed. Center, 4600 SE Columbia Way, Vancouver, WA 98661  
 Tuesday, December 5, 2023 8:30 AM – 4:00 PM

Participants may obtain 0.450 CEUs for attending this program

**Municipal Host:** Eric Schadler, P.E., *City of Vancouver, WA*  
**TTC Host:** John Matthews, Ph.D., *Trenchless Technology Center (TTC)*



## AGENDA

Sessions Open to All Attendees				
8:30 AM	To	9:00 AM	<b>Coffee and Refreshments</b>	
9:00 AM	To	9:15 AM	Welcome & Overview of Trenchless Technology Center (TTC)	Dr. John Matthews <i>Trenchless Technology Center (TTC)</i>
9:15 AM	To	9:55 AM	(1) Force Main Condition Assessment (including case study)	Daniel Buonadonna, <i>Jacobs</i> Molly Nause–McCord, <i>City of Portland</i>
9:55 AM	To	10:25 AM	(2) A Case Study of the 1st Aqueduct Pipeline Rehabilitation for the San Diego City Water Authority	Mathew Michler & Devin Colyer <i>Micon Group, Inc.</i>
10:25 AM	To	10:40 AM	<b>BREAK</b>	
10:40 AM	To	11:20 AM	(3) How to Design, Specify and Required Bid Submittals with a Case Study for Rehabilitating	Kurt Chirbas <i>GeoTree</i>
11:20 AM	To	12:00 PM	(4) Challenges & Innovations on the PacWave South HDD	Diana Worthen <i>Cascade Trenchless Consulting</i>
12:00 AM	To	12:45 PM	<b>LUNCH</b>	
12:45 PM	To	1:25 PM	(5)	Chantal Evans <i>Aegion</i>
1:25 PM	To	2:05 PM	(6) ) PVC Expand-In-Place Liners For Trenchless Sanitary and Storm Sewer Rehabilitation	Nicholas Hooper <i>NovaForm Us, IPEX</i>
2:05 PM	To	2:20 PM	<b>BREAK</b>	
2:20 PM	To	3:00 PM	(7) CIPP Requirements – The Evolution City of Portland’s Specifications	Colleen Harold, <i>City of Portland</i> Rob Lee, <i>Leeway Engineering</i>
Municipal Participants Only Session				
3:00 PM	To	4:00 PM	Discussion and information sharing	