



**U.S. Environmental Protection Agency Region 6
The 19th Annual
Capacity, Management, Operation & Maintenance (CMOM) Workshop**

Ballroom A
Austin Convention Center
500 East Cesar Chavez Street
Austin, Texas 78701

**Day 1
Tuesday, August 16, 2022**

- 10:00 AM – 10:30 AM *Welcoming Remarks:*
Shay Ralls Roalson, P.E., Assistant Director, Austin Water, City of Austin, TX
Kristin O’Neill, P.E., PMP, President-Elect, Water Environment Association of Texas, Austin, TX
Susan M. Jablonski, P.E., Deputy Director, Enforcement Division, Texas Commission on Environmental Quality, Austin, TX
Rachel Matthews, Enforcement Officer, Water Enforcement Branch, Compliance Assurance and Enforcement Division, U.S. EPA Region 6, Dallas, TX
- 10:30 AM – 11:00 AM **Keynote Speaker** – *“Sanitary Sewer Overflow Enforcement – A National Perspective”* – James E. Zimny, Acting Chief, Municipal Enforcement Branch, Water Enforcement Division, U.S. EPA Headquarters, Washington, DC
- 11:00 A.M. – 11:30 AM *“Sanitary Sewer Overflows and Significant Non-Compliance (SNC): EPA Region 6 Perspective”* – Rachel Matthews, U.S. EPA Region 6, Dallas, TX
- 11:30 AM – 12:00 Noon *“TCEQ’s Sanitary Sewer Overflow Initiative”* – Shelley Naik, Texas Commission on Environmental Quality, Austin, TX
- 12:00 Noon – 1:00 PM **Luncheon Speaker** – *“How Can You Manage Your Peak Wet Weather Flows with Treatment?”* – John D. Dyson, Aqua-Aerobic Systems, Loves Park, IL
- 1:00 PM – 1:45 PM *“Development of Modern Self-Service Analytics Platform and its Applications for Houston’s Wastewater Consent Decree”* – Fazole Rabbi, P.E. and Pratistha Pradhan, D.Eng., P.E., Houston Water, Houston, TX
- 1:45 PM – 2:30 PM *“The Big Payback: Portland’s Innovative Approach to Pump Station Investments”* – Susan Schlangen, P.E., Water Systems Consulting, Portland, OR
- 2:30 PM – 3:15 PM *“Development of an Intelligent System at Sewershed-Scale with Big Data Management and Artificial Intelligence Applications”* – Sunil Sinha, Ph.D., Virginia Tech, Blacksburg, VA and Ken Thompson, Jacobs, Denver, CO
- 3:15 PM – 3:30 PM **Networking Break**
- 3:30 PM – 4:15 PM *“Embracing Innovative Technology to Address Construction Limitations Associated with Deep Gravity Sewer Tunnels”* – Nawaraj Panta, P.E., Houston Public Works, Houston, TX, Jay C. London, P.E. and Marcela T. Sion, P.E., Hazen and Sawyer, Dallas, TX, and Austin, TX
- 4:15 PM – 5:00 PM *“An Update on SAWS Wastewater Modeling and Capacity Management Program”* – Bob King Johnson, P.E., PMP and Abel Borunda, P.E., San Antonio Water System, San Antonio, TX, and Steven Rhodes, P.E., Freese and Nichols, San Antonio, TX
- 5:00 PM – 5:30 PM *Panel Discussion and Questions and Answers* – Raj Bhattarai, Clean Water Strategies, Moderator
- 5:30 PM **Adjourn**



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**Day 2
Wednesday, August 17, 2022**

8:00 AM – 8:45 AM	<i>“Real-Time Monitoring Leads to Real-Time Benefits”</i> – Robert D. Stanley, P.E., and Michael Mosier, P.E., Arlington Water Utilities, Arlington, TX
8:45 AM – 9:15 AM	<i>“I Got Asset Management – Now What?”</i> – John D’Antoni, D.Eng., P.E., Black and Veatch, Houston, TX
9:15 AM – 10:00 AM	<i>“Peak Wet Weather Treatment using Silicon Carbide Membranes”</i> – Ashwini Khare, Ovivo, Round Rock, TX
10:00 AM – 10:15 AM	Networking Break
10:15 AM – 10:45 AM	<i>“Fast and Furious - Houston's Accelerated Collection System Program”</i> – Greg Eyerly, Robert W. Riedel, III, P.E., Houston Water, Houston, TX and Trent Slovak, P.E., BCEE, K. Friese + Associates, Houston, TX
10:45 AM – 11:30 AM	<i>“Data Driven Rehabilitation Decisions”</i> – Alex Montalvo, Tetra Tech, Orlando, FL
11:30 AM – 12:00 Noon	<i>“Lift Stations Operation: Past, Present and Future”</i> – Jim Dias, Austin Water, Austin, TX
12:00 Noon – 1:00 PM	Luncheon Speaker – <i>“Texas Board of Professional Engineers and Land Surveyors – Professional Practice Updates/Ethics”</i> – Rick Valdes, Texas Board of Professional Engineers and Land Surveyors, Austin, TX
1:00 PM – 1:30 PM	<i>“High Tech Sewers: Using Sewer Digital Twins to Improve Collections & Optimize Maintenance”</i> – Andrew Swirsky, P.E., PMP, Xylem, Houston, TX
1:30 PM – 2:00 PM	<i>“CIPP Curing Monitoring System Technology: Improving Installation Quality and Verifying the Completeness of the CIPP Curing Process”</i> – Nick Patrick, Vortex Companies, Houston, TX
2:00 PM. – 2:30 PM	<i>“Wastewater Collection System Cleaning Evaluations and Recommendations for Improvements”</i> – Malvin “Rusty” Nezat, Nezat Training and Consulting, Splendora, TX
2:30 PM. – 3:00 PM	<i>“Are Concrete Tanks and Wet Wells Really Maintenance Free?”</i> – Gregg Smith, Veolia, Cypress, TX
3:00 PM – 3:30 PM	<i>Panel Discussion and Questions and Answers</i> – Raj Bhattarai, Clean Water Strategies, Moderator
3:30 PM	Adjourn