

<p align="center"><b>PROGRAM</b>  <b>2020 Virtual Water Reuse in Texas</b>  <b>October 26-27, 2020</b></p>			
<p align="center"><b>Monday, October 26, 2020</b></p>			
12:00 noon – 1:00 pm	<b>Emerging Contaminants Technologies Workshop</b>		
2:00 pm – 4:30 pm	<b>Water Reuse Workshop 101 (Live using Zoom link)</b>		
4:45 pm – 5:45 pm	<b>WaterReuse Virtual Meet and Greet and Trivia Night (Live using Zoom link)</b>		
<p align="center"><b>Tuesday, October 27, 2020</b></p>			
8:45 am – 9:45 am	<p align="center"><b>Opening Session – Mark Vega, McAllen PUB, WaterReuse-Texas President</b></p> <p align="center"><b>Keynote Speaker – Gilbert Trejo, CTO El Paso Water and WaterReuse Association President</b>  <b>Pat Sinicropi, WaterReuse Association Executive Director</b></p>		
	<p align="center"><b>A1: Treatment Observations</b></p>		<p align="center"><b>B1: Potable Reuse Alternatives</b></p>
	Moderator –		Moderator-
10:00 am – 10:30 am	<i>Now you see it, now you don't: Removal of Antibiotic Resistance Genes by Advanced Treatment Trains, Dr. Scott Miller, Black &amp; Veatch</i>		<i>Designing UV-AOP Systems with Simultaneous Compliance in Mind, Erin Mackey, Brown and Caldwell</i>
10:30 am – 11:00 am	<i>Reuse in North Texas: DPR to IPR, Hunter Adams, City of Wichita Falls</i>		<i>Planning for a Chlorine-Free Future at El Paso's WRRFs, Michael Watts, Garver; Iris Porat, Kemira.</i>
11:00 am – 11:30 am	<i>The Impacts of Potential Controlling Parameters on the Degree of Nitrification in a MABR Treating High Strength Wastewater, Maryam Salehi, Department of Civil, Environmental and Construction Engineering, Texas Tech University</i>		<i>Peracetic Acid: Reducing Compounds of Concern with Via a Disinfection Technology, Philip Block, PeroxyChem</i>
11:30 am – 12:00 pm	<i>What Organics Monitoring Tools to Use and Where for Critical Control of Potable Reuse, Amanda Scott, Suez Water Technologies</i>		<i>Potable Reuse and PFAS: A Comparison of Treatment Approaches, Nick Burns, Black &amp; Veatch</i>
12:00 pm – 12:15 pm	<p><b>AM Live (Zoom) Q&amp;A Panel</b></p> <p align="center">Facilitators; Mark Vega, McAllen PUB and Eva Steinle-Darling, Carollo</p>		
12:20- 1:00 pm	<p><b>Don Vandertulip Technical Paper Award</b></p> <p><b>Exhibitor and Sponsor Highlight and Thanks</b></p> <p align="center">Live using SAME Zoom link as AM Q&amp;A</p>		
	<p align="center"><b>A2: Funding and Planning Texas Projects</b></p>	<p align="center"><b>B2: Water Resource Planning and COVID -19</b></p>	<p align="center"><b>C2: Treatment Technologies for Emerging Contaminants</b></p>
	Moderator –	Moderator-	
1:15 pm – 1:45 pm	<i>Reuse, Repurpose, Recycle: How the City of Frisco is Repurposing a Potable Water Ground Storage Tank to Serve PGA National Headquarters, Steven Rhodes., Freese and Nichols; Clayton Barnard, Freese and Nichols; Shawn Halle, City of Frisco</i>	<i>Integrated and Adaptive Planning - A Strategic Approach to Water Reuse in Australia &amp; Texas? Ryan Brotchie, GHD, Australia</i>	<i>Wastewater based epidemiology for monitoring COVID-19 Dr. Samendra Sherchan, Tulane University</i>
1:45 pm – 2:15 pm	<i>Federal Grant Opportunities for Water Reclamation and Reuse, Marisela Castro, Bureau of Reclamation, Civil Engineer</i>	<i>Leveraging Industry Experience to Anticipate the Trade-offs of Alternative Water Supplies, Wendy Broley, Brown and Caldwell</i>	<i>Advancement in Peracids Disinfection of Municipal Wastewater: Approaching the Economics of Sodium Hypochlorite using Performic Acid, Domenico Santoro, University of Western Ontario</i>

2:15 pm- 2:45 pm	<i>Assessing the Pathway for Onsite Water Reuse Financing in Texas</i> , Sharlene Leurig, Texas Water Trade	<i>Water Reuse Issues and Trends: Reuse as a Solution for Managing Droughts and Abundance of Water in Texas and South Central United States</i> , Jo Ann Jackson, Black & Veatch	<i>Impacts and costs of PFAS in Wastewater and Biosolids</i> , Dr. Allegra da Silva, PhD, PE, Vice-Chair/Brown & Caldwell; Patrick Dube, WEF
2:45 pm- 3:15 pm	<i>Where Does the Effluent go in a Travel Destination Turned High-Growth Commuter City?</i> , Robert F. Adams, Plummer Associates, Inc.	<i>WEF COVID -19 Virus Study- Protecting Wastewater Professionals from COVID-19 and Other Biological Hazards</i> , Dr. Allegra da Silva, PhD, PE, Vice-Chair/Brown & Caldwell;	<i>Pathogen Math: Getting A+ Credit for FAT, MBR, and DPR</i> , Hannah Ford, Brown and Caldwell; Melanie Holmer, Brown and Caldwell
3:15 pm- 3:45 pm	<i>What Happens in Texas Doesn't Stay in Texas: How a Small-Town Texas DPR Study Inspired an International Award-Winning Non-RO Based Direct Potable Reuse Demonstration (in Florida)</i> , Eva Steinle-Darling, Carollo Engineers, Inc.	Naoko Munakata, LA Co. Sanitation District; Mark LeChavallier, PhD, Water Consulting; Chuck Gerba, PhD, Arizona State University	<i>Disinfection Resilience of Reuse Systems</i> , Gary Hunter, Black and Veatch; Leonard Casson, University of Pittsburgh
3:45-4:00	<b>PM (Zoom) Live Q&amp;A Panel</b> Facilitated by Stan Shmia, De Nora Water Technologies		
4:00 pm	<b>Conference Closing</b>		