

**2019 Water Reuse in Texas  
McAllen Convention Center  
Technical Program - May 24, 2019**

8:00 am– 12:00 pm	<b>Registration Open</b>	
8:30 am – 9:30 am	<b>Opening General Session</b> Welcome – Mark Vega, General Manager, McAllen PUB Opening Remarks - Pat Sinicropi, Executive Director, Water Reuse Association Keynote Speaker – Jim Commission, Mayor of McAllen (invited – Julie to send Mark info)	
9:30 am – 10:00 am	<b>Coffee Break</b>	
	<b>A1: They're doing What? (Case Studies)</b>	<b>B1: There are Rules, Man! (Regulatory)</b>
	Moderator – Mark Sanchez, PSC	Moderator- Tom Taggart, San Marcos
10:00 am – 10:30 am	Moving from Piloting to Design - El Paso Water's Advanced Water Purification Facility – <i>Sanaan Villalobos, Carollo</i>	A Salty Issue: Dissolved Solids Regulations in Texas – <i>Chris Pasch, Alan Plummer Assoc.</i>
10:30 am – 11:00 am	Potable Reuse Case Studies for IPR & DPR Facilities in Florida – <i>Jennifer Ribotti – Tetra Tech</i>	Chapter 210 Regulations Overview and Evolution of Reclaimed Water Authorizations, – <i>Baltazar Lucero-Ramirez, TCEQ</i>
11:00 am – 11:30 am	Customer Conversion to Use Recycled Water – <i>Pablo Martinez, San Antonio Water Systems</i>	Reuse Realities: Federal and State Regulatory Updates Water Rights and Water Quality- <i>Nathan Vassar, Lloyd Gosselink</i>
11:30 am – 12:00 pm	Water Reuse in Australia: Global Trends and their Relevance to Texas – <i>Greta Zornes, Jacobs</i>	Framework for Controlling Organics in Direct Potable Reuse Projects – <i>Larry Schimmoller, Jacobs</i>
12:00- 1:30 pm	<b>Conference Lunch-Ed Archuleta Award</b>	
	<b>A2: Show me the Money (Funding)</b>	<b>B2: Oil &amp; Gas Matters</b>
	Moderator – Theresa Pedrazas, Tetra Tech	Moderator- Michael Watts, Garver
1:30 pm – 2:00 pm	How to "Win" under the new WIIN Act – <i>Collins Balcombe, Reclamation</i>	Beneficial Reuse of Oilfield Produced Water in Agriculture: A Fuzzy Logic Indexing Approach – <i>Amin Kiaghadi, U. Houston</i>
2:00 pm- 2:30 pm	Assessment of Water Reuse Technology Selection Incorporating Regional Cost Factors – <i>Dylan Christenson, Black &amp; Veatch</i>	Produced Water Panel – <i>TBD</i>
2:30 pm- 3:00 pm	Is On-Site Reuse Worth the Cost? Analysis of Lot-Scale Decentralized Urban Non-Potable Reuse – <i>Bruk Berhanu, UT Austin</i>	Innovative Supply Proposal Combines Brackish Groundwater Desal, ASR, and Energy Recovery – <i>David Harkins, Carollo</i>
3:00- 3:30pm	<b>Networking Break</b>	
	<b>A3: Think Local</b>	<b>B3: We're all getting Treatment</b>
	Moderator – Carlos Gonzalez, McAllen PUB	Moderator- Bryce Canady, Walker Partners
3:30 pm- 4:00 pm	Water Reuse Implementation in McAllen: Past, Present and Future – <i>Ellen McDonald, Alan Plummer Assoc.</i>	Forward Osmosis: A Novel Solution for Reject Management in In-land RO and NF Operations – <i>Kamyar Sardari, Garver</i>
4:00 pm- 4:30 pm	McAllen Expands Reclaimed Water Service to Master-Planned Community and Beyond – <i>Mark Vega, McAllen PUB</i>	Viruses, Color, and TOC - Oh my! The benefits of ozone-based treatment for reuse applications – <i>Eva Steinle-Darling, Carollo</i>
4:30 pm	<b>Conference Closing</b>	
Alternate Speakers	Alternate #1 – Finding solutions to extend the life of 'legacy' water reuse projects Alternate #2 – When Drought and Rain Collide – A Case Study of Cape Town, South Africa Alternate #3 – Unlocking the 'potential' of electrochemistry for managing brine	