Agenda

Monday, August 28

2:00 – 2:15 pm
Welcome
Rusty Smith, Executive Director, TXPWC

2:15 – 2:45
Opening Session: Railroad Commission of Texas Agency Update
Commissioner Jim Wright, RRC

2:45 – 3:15
“Spatiotemporal assessment and projection of tight-oil produced water (TPW) in the Permian Basin, Texas: quantity, quality, origin and reuse”
Marshall Watson, Ph.D., Texas Tech University

3:15 – 3:30
Break

3:30 – 4:00
“Speedwise Water: Creating a Marketplace for Produced Water Commodities using Machine Learning”
Zacariah Hildenbrand, Ph.D., Infinity Water Solutions

Tuesday, August 29

7:00 am
Breakfast

8:00 – 8:30
Texas Legislative Session Recap and the New Water Supply Fund
State Senator Charles Perry, Chair, Senate Committee on Water, Agriculture and Rural Affairs
8:30 – 10:30  
Project PARETO  
Markus Drouven, Ph.D., Technical Director, US Department of Energy

10:30 – 10:45  
Break

10:45 – 11:15  
"Technology Evaluations in Support of the Beneficial Use of Produced Water*"  
Danny Reible, Ph.D. & Balaji Rao, Ph.D., Texas Tech University

11:15 – 11:45  
"Enhanced Evaporation of Produced Water Using Floating Microporous Membrane"  
George Nnanna, Ph.D., University of Texas Permian Basin

12:00 – 1:30 pm  
Lunch Keynote: Texas Water Development Board Overview and Funding Programs  
Brooke Paup, Chairwoman, Texas Water Development Board

1:30 – 1:45  
Break

1:45 – 2:15  
"Processing Produced Water via Vapor-Compression Distillation"  
Mark Holtzapple, Ph.D., Texas A&M University

2:15 – 2:45  
Colorado Produced Water Consortium Update  
Aaron Ray, Assistant Director for Energy Innovation, Colorado Department of Natural Resources

2:45 – 3:00  
Break

3:00 – 3:45  
Produced Water Recycling Framework for Pilot Study Authorization  
Paul Dubois & Ted Wooten, RRC

3:45 – 4:00  
Adjourn

Additional information  
This event is provided free of charge and only open to members of the TXPWC. Please register by August 26, 2023 at the link provided above.