

# TEXAS PRODUCED WATER CONSORTIUM ANNUAL MEMBERSHIP CONFERENCE

Location: The Driskill Hotel, Driskill Ballroom  
604 Brazos Street, Austin, TX

Date: August 28 - 29, 2023

Register Link: [TXPWC Membership Conference](#)

## Agenda

### Monday, August 28

2:00 – 2:15 pm

**Welcome**

Driskill Ballroom

*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

Driskill Ballroom

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	<b>Project PARETO</b> <i>Markus Drouven, Ph.D., Technical Director, US Department of Energy</i>	Driskill Ballroom
10:30 – 10:45	Break	
10:45 – 11:15	<b>“Technology Evaluations in Support of the Beneficial Use of Produced Water”</b> <i>Danny Reible, Ph.D. &amp; Balaji Rao, Ph.D., Texas Tech University</i>	
11:15 – 11:45	<b>“Enhanced Evaporation of Produced Water Using Floating Microporous Membrane”</b> <i>George Nnanna, Ph.D., University of Texas Permian Basin</i>	
12:00 – 1:30 pm	<b>Lunch Keynote: Texas Water Development Board Overview and Funding Programs</b> <i>Brooke Paup, Chairwoman, Texas Water Development Board</i>	
1:30 – 1:45	Break	
1:45 – 2:15	<b>“Processing Produced Water via Vapor-Compression Distillation”</b> <i>Mark Holtzapple, Ph.D., Texas A&amp;M University</i>	
2:15 – 2:45	<b>Colorado Produced Water Consortium Update</b> <i>Aaron Ray, Assistant Director for Energy Innovation, Colorado Department of Natural Resources</i>	
2:45 – 3:00	Break	
3:00 – 3:45	<b>Produced Water Recycling Framework for Pilot Study Authorization</b> <i>Paul Dubois &amp; Ted Wooten, RRC</i>	
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.