

Water Reuse 101

Water Reuse 101 Session 2016	Time	Presenters/Panelists	Descriptions
<i>Intro to Water Reuse & Case Studies</i>	1:00PM	Shannon Rodriguez/City of Houston	Introduces water reuse, types of water reuse, factors driving water reuse, the evolution of water reuse in Texas, and various illustrative case studies. Provides operators with an understanding of how the reuse water being created is used, providing bases for the levels of treatment and reliability necessary for water reuse supplies.
<i>Water Reuse Regulations</i>	1:30PM	Don Vandertulip/Vandertulip WateReusEngineers	Provides an overview of the regulatory framework for water reuse nationally, followed by a more detailed discussion of Texas regulations. Provides operators with the regulatory framework for the treatment and delivery of reuse water to customers.
<i>Getting Started - Implementing Water Reuse</i>	1:55PM	Tom Taggart/City of San Marcos	Practical guidance for utilities considering water reuse as a potential water supply. Includes numerous pertinent topics such as utility goals, current and future water supply needs and sources, capacity and capability of facilities, and financial considerations. Provides operators with an understanding of whether reuse makes sense for your utility, what types of issues they will face in meeting regulatory requirements, training considerations, SCADA/controls considerations, maintenance issues, etc.
<i>Funding Water Reuse Projects</i>	2:30PM	Stephen Jenkins/RPS	Things to consider in defining costs of development water sources; planning, designing, and constructing water reuse infrastructure; costs associated with operating a reuse system; and setting water reuse rates. Operators will gain an appreciation for the unique financial aspects of water reuse systems.
Break	3:05PM		
<i>Panel Discussion: Planning and Funding Water Reuse</i>	3:25PM	Moderator: Ken Hall/CH2M Panelists: Daniel Nix/Wichita Falls Louis Herrin/TCEQ Frank Snyder/SAWS Mark Evans/TWDB TBD/Bureau of Reclamation	Moderator-guided discussion with panel representing regulators, agencies, and utilities. Moderator will have over one dozen prepared questions for potential use with the panelists, and will also request questions from the audience. Examples of prepared questions include the following. When is a potable reuse project more cost-effective than a nonpotable reuse project? Describe the most important practical considerations in deciding how to fund a reuse project? How does the permitting process differ for nonpotable and potable reuse projects?
<i>Available Support and Resources for Water Reuse</i>	4:25PM	Guy Carpenter/WateReuse Association	Presenting available technical, research, and communications resources to help understand, implement, and operate water reuse systems. Operator will learn of numerous resources readily available related to water reuse.
<i>Closing Remarks</i>	5:00PM		Closing remarks