



# Arizona Water Reuse 2022 Symposium

**JULY 24- 26, 2022**

**Little America Hotel in Flagstaff, AZ**

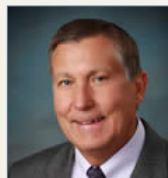
**For more information visit [www.azwater.org/events](http://www.azwater.org/events)**



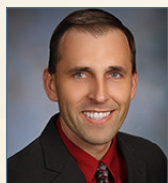
**Troy Walker**  
Hazen and Sawyer,  
2022 Symposium Chair



**Paul Deasy**  
Flagstaff Mayor



**Tom Buschatzke**  
Deputy Director AZ Dept  
of Water Resources



**Trevor Baggiore**  
Water Quality Division  
Director, AZ Dept. of  
Environmental Quality

## ACTIVITIES

***Sunday, July 24, 5 - 7 pm  
at Little America Hotel***

**Welcome Reception and  
6th Annual Purple Water  
Balloon Battle**

Join us to get acquainted and network with your fellow water reuse professionals. If weather permits, we will host a purple recycled water balloon battle to kick-off the event!

***Monday, July 25, 6 - 9 pm  
at the Museum Club***

**Cocktail Reception and Dinner**

Join us at the "Zoo," Flagstaff's premiere country music venue located on historic Route 66 for cocktails and a private catered dinner on the patio under the stars. Built in 1931 and once located on the outskirts of town, this old highway watering hole is a Route 66 throwback now surrounded by present-day Flagstaff. Many aspiring recording stars, making the pilgrimage from Nashville to Las Vegas, have graced the stage and if you dare, you too can bring an instrument and share your talent during "Open Mic Nite." A shuttle will be provided from the hotel

## AWARDS

**2022 WateReuse Arizona  
Scholarship Awards**

WateReuse Arizona will announce the winning recipients of two \$2,500 scholarships.

**2022 WateReuse Arizona Awards**

WateReuse Arizona will present awards in the following categories.

1. Project of the Year
2. Program of the Year
3. Person of the Year

## LITTLE AMERICA HOTEL

2515 E. Butler Avenue | Flagstaff, AZ 86004 | T: 928.779.7900

A block of rooms has been set aside for attendees through July 7, 2022. A rate of \$159/night will be honored for symposium attendees, based on availability of rooms. Ask for group sales and mention the "Water Reuse Symposium" to receive the discounted rate.

Arizona Water Reuse 2022 Symposium is organized by WateReuse Arizona and the AZ Water Association Reuse Committee as an exchange of information and experience related to water reuse planning, implementation, and operations.



# Arizona Water Reuse 2022 Symposium

	<b>SUNDAY, JULY 24</b>	
<b>3:00 - 4:30 PM</b>	WaterReuse Arizona Section Board Meeting on the Lawn	
<b>4:30 - 7:00 PM</b>	Registration on the Lawn	
<b>5:00 - 7:00 PM</b>	Welcome Reception & 6th Annual Purple Water Balloon Battle	
	<b>MONDAY, JULY 25</b>	
<b>7:30 - 8:30 AM</b>	<b>REGISTRATION AND CONTINENTAL BREAKFAST</b>	
<b>8:45 - 10:15 AM</b>	<b>GENERAL SESSION (Ballrooms B-C) - Moderated by Troy Walker (Hazen)</b>	
	<b>INTRODUCTION</b> - Maria Brady, WaterReuse Arizona Chapter President (Stantec), Mike Worlton, AZ Water Association President	
	<b>WELCOME</b> - Erin Young (Flagstaff Water), Andy Bertelsen (Water Services Director), Paul Deasy (Mayor)	
	<b>SPECIAL MESSAGES</b> - Sent by U.S. Senators Kyrsten Sinema and Mark Kelly Craig Lichty - Water Reuse Association National President	
	<b>KEYNOTE ADDRESSES</b> Trevor Baggione, Director of Water Quality, Arizona Department of Environmental Quality Tom Buschatzke, Director of the Arizona Department of Water Resources	
<b>10:15 - 10:30 AM</b>	<b>BREAK</b>	
<b>10:30 AM - 12:00 PM</b>	<b>SESSION 1A (BALLROOM A):</b> <i>Industrial: Moderated by Rob McCandless (Stantec)</i>	<b>SESSION 1B (FLAGSTAFF):</b> <i>Interstate Case Studies: Moderated by John Kmiec (City of Tucson)</i>
	Water Reuse in Data Centers Alise Porto (Switch) and Dave Sobeck (Carollo)	Albuquerque's Plans for Water Reuse Diane Agnew - Water Rights Program Manager (Albuquerque Bernalillo County)
	Reuse in the Semiconductor Industry Americus Mitchell (EPCOR)	Colorado Rulemaking for Direct Potable Reuse Tyson Ingels - (CDPHE)
	Water Reuse at the Palo Verde Nuclear Generating Station Don Naughton (APS)	Brine Minimization Options for Rancho California - Troy Walker (Hazen)
<b>12:00 - 1:30 PM</b>	<b>LUNCH</b> <i>Scholarship &amp; Water Reuse Awards Presentations (1:00 - 1:30)</i>	
<b>1:30 - 3:00 PM</b>	<b>SESSION 2A (BALLROOM A):</b> <i>Rural Communities Moderated by Andrea Odegard-Begay (Hazen)</i>	<b>SESSION 2B (FLAGSTAFF):</b> <i>Research and Innovation Moderated by Dr. Channah Rock (U of A)</i>
	Preliminary Design and Cost Estimate for Direct Potable Reuse in Cottonwood Alyssa Aligata (USBOR)	Is Land Application of Biosolids a Significant source of PFAS Groundwater Contamination?: A National Collaborative Study Dr Ian Pepper (University of Arizona)
	Augmentation Efforts in the Upper San Pedro Basin Sharon Flissar (Sierra Vista)	EPA Reuse Dr Luisa Ikner (University of Arizona)
	Arizona Recycled Water Pioneer - The Grand Canyon Water Treatment Plant, Ellen Brennan, Grand Canyon National Park	The UV/Chlorine AOP in Potable Reuse: Applicability, Operations and Potential DBPs Adam Festger (Brown and Caldwell)
<b>3:00 - 3:30 PM</b>	<b>BREAK</b>	
<b>3:30 - 5:00 PM</b>	<b>SESSION 3A (BALLROOM A):</b> <i>Funding Opportunities Moderated by Maria Brady (Stantec)</i>	<b>SESSION 3B (FLAGSTAFF):</b> <i>Green Stormwater Infrastructure, Erin Young (City of Flagstaff)</i>
	Water Research Association Water Reuse Research Update - Julie Minton (WRF)	Tucson's Urban stormwater green infrastructure Blue Baldwin (City of Tucson)
	Rural Development Opportunities Robert Lanford (USDA)	Seawater Desalination as an Alternative Supply (TBA)
	WIFA Update Lindsey Jones- (Water Infrastructure Finance Authority of AZ)	Stormwater Aquifer Recharge on the Verde River Nancy Steele (Friends of the Verde River)
<b>5:15 &amp; 5:45 PM</b>	<b>SHUTTLE TO RECEPTION/DINNER (Hotel Lobby Entrance)</b>	
<b>6:00 - 9:00 PM</b>	<b>RECEPTION &amp; DINNER - The Museum Club</b>	
<b>8:30 &amp; 9:00 PM</b>	<b>RETURN SHUTTLES TO LITTLE AMERICA</b>	



# Arizona Water Reuse 2022 Symposium

**WORKSHOP: Defining the Future of Direct Potable Reuse in Arizona**

**Tuesday, July 26, 8:30 am to 12:00 pm at Little America Hotel Ballroom**  
**7:30 am - 8:30 am Breakfast will be served in the Flagstaff Room.**

Moderated by Rick Warner (Warner and Associates)  
with introduction by Trevor Baggione, Director, Water Quality Division, ADEQ.



## PANELISTS

**Dr. Channah Rock** (University of Arizona)

**Troy Walker** (Hazen and Sawyer)

**Austa Parker** (Brown and Caldwell)

**George Maseeh** (Carollo Engineers)

**Brian Biesemeyer** (City of Scottsdale)

**David Walby** (City of Scottsdale)

**Robert McCandless** (Stantec)

- Engage with regulators to discuss what Arizonans need for safe and effective potable reuse
- Exchange ideas and experience with other Arizona water professionals
- Contribute to Arizona's future DPR regulatory framework
- Hear from industry leaders how agencies and utilities in other states are approaching DPR

**This 4-hour workshop will include facilitated topic discussions around these seven topics**

# Thank you to our sponsors!

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