

A MESSAGE FROM THE WRCA DIRECTOR

Dear Colleagues,

This year's conference reflects the importance of collaboration across California's water sector as we work together to advance recycled water and potable reuse implementation throughout the state. California's water future depends on the collective expertise of researchers, utility managers, engineers, regulators, policymakers, consultants, communicators, and water operators. Each plays a critical role in transforming innovative ideas into successful projects and long-term solutions for our communities.

WateReuse California is proud to partner with The Water Research Foundation (WRF) in the development of this year's conference program. WRF also worked with stakeholders, including with WateReuse California, on Grant 3, which awarded \$1.5M to fund critical recycled water research needed in California. These investments in research and collaboration help provide the technical foundation needed to support implementation, improve operations, and advance public confidence in recycled water projects statewide.

We are also excited to launch a new partnership with CA-NV AWWA. Through this collaboration, we are offering operator contact hours at the conference for the first time. This partnership reflects our commitment to engaging and supporting the full water workforce and recognizing the essential role operators play in the success of recycled water and potable reuse systems across California.

This conference is designed to bring together diverse perspectives from across the water community to share lessons learned, discuss emerging challenges, and build the partnerships needed to help shape California's water future.

Thank you for being part of this important community and for the work you do every day to advance water recycling in California.

Warm regards,



BRENLEY MCKENNA
Managing Director
WateReuse California



ARE YOU READY TO RUMBLE?

Join us for the
First Annual Reuse Rumble!
August 24, 1-2pm

COMPETITION DETAILS

Each team will compete one-at-a-time through a series of 5 tasks

1. MF Cartridge Filter Change
2. RO Membrane Swap
3. Toolbox Showdown
4. Peristaltic Pump Tube Replacement
5. Chugging 6oz of purified recycled water

RULES:

4 players Per Team

1 Player must be an Operator / Maintenance

Highest Score Wins

Score is a calculated by your time and style!

Have the lowest time and highest style to win.

Earn Style points with

- Team Name
- Walkup Song
- Team Costume

WINNER RECEIVES
"The Belt of Water"

The priority of team selection will be decided based on number of teams entered; agencies first, then industry formed teams (chapters or consulting/vendor teams).

DRAFT CONFERENCE PROGRAM



Session features research conducted with The Water Research Foundation.



Session features content relevant to elected officials.



Session features content relevant to operators.



Session features content relevant to communications professionals.

MONDAY, AUGUST 24

9:00 AM - 12:30 PM

WORKSHOP

WRF WORKSHOP – WATERFRONT A, B



COMMITTEE MEETINGS – WATERFRONT C,D,E
(10:00 AM - 12:30 PM)

1:00 PM

FIRST ANNUAL WATERREUSE CALIFORNIA REUSE RUMBLE – GRAND BALLROOM
SEE PAGE 2 FOR DETAILS.

	<p>OPERATOR TRACK 1: AWTO PANEL</p> <p>MARINA ROOM</p> <p>CA-NV SECTION American Water Works Association</p>	<p>WATER REUSE & CALIFORNIA'S WATER FUTURE</p> <p>SEACLIFF A</p>	<p>ORGANIZATIONAL READINESS & INNOVATION</p> <p>SEACLIFF B</p>	<p>WATERSHED RESILIENCE & MULTI-BENEFIT REUSE</p> <p>SEACLIFF C</p>	<p>INTEGRATED PLANNING & PROGRAM MODELING</p> <p>SEACLIFF D</p>	<p>CALVAL PANEL: VALIDATION FOR IPR</p> <p>BAYVIEW</p>
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2:00 PM

Advanced Water AWTO Certification

MODERATOR: Sue Mosburg, CA-NV AWWA

Heather Collins, Metropolitan Water District of Southern California; Mehul Patel, Orange County Water District



CONTINUES

Beyond \$/AF... Articulating the Benefits of Reliable Water Supply

Gina Dorrington, Ventura Water; Brent Haddad, UC Santa Cruz



Purewater Peninsula – Defining Roles in Partnerships

Yinlan Zhang, SFPUC; Kim Hackett, Silicon Valley Clean Water



Empowering People & Programs: Readiness Assessment for Large-Scale Water Reuse Programs

Johan Torroledo, LADWP; Christine Cotton, Arcadis

Taking Big Swings: Establishing a Utility-Led Research & Innovation Program

Jessica Koop and Jenn Swart, Water Replenishment District

Building Watershed Resilience with Recycled Water: Early Advocacy from the Watershed Resilience Pilot Programs

Kiernan Brtalik, Rincon Consultants; Sarah Mulder, Ventura Water

From Runoff to Resource: Integrating Stormwater into Purple Pipe Systems for Increased Water Supply Resilience

Stephanie Zinn, Geosyntec; Laura Rocha, Moulton Niguel Water District

Advancing One Water Planning into Phased Reuse Projects, Programs, & Policies

Jacquelin Mutter, HDR



A Systems Modeling Approach to Program Alternatives & Infrastructure Planning

Brenda Mata, LADWP; Marcelo Reginato, Jacobs

PANEL

CalVal: Building Blocks for International Scientific Consensus on Purified Recycled Water Treatment Barrier Validation








Kevin Hardy; Andrew Salveson; Shane Trussell

CONTINUES

2:30 PM

DRAFT CONFERENCE PROGRAM

MONDAY, AUGUST 24

3:00 PM	<p><i>(CONTINUED)</i> Advanced Water AWTO Certification</p> 	<p>100% Utilization of Recycled Water for the Highest Beneficial and Sustainable Uses Possible – EMWD’s Six-Decade Journey</p> <p>John Wuerth, Eastern Municipal Water District</p> 	<p>Future-Proofing Your Workforce</p> <p>Jessey Cordero, Moulton Niguel Water District; Sarah Rossetto, Bodewell Group</p>	<p>Beyond SAR: Improving Soil Health & Crop Performance Under Recycled Water Irrigation Using Multi-Cation Stability Indices</p> <p>Francisco Pedrero Salcedo, CEBAS-CSIC, UC DAVIS</p> 	<p>Integrated, Scenario-Based Reuse Planning Using the Blue Plan It® Model – A City of Los Angeles Case Study</p> <p>Farzaneh Shabani, Carollo; Hubertus (Huub) Cox, LASAN</p>	<p><i>(CONTINUED)</i> CalVal: Building Blocks for International Scientific Consensus on Purified Recycled Water Treatment Barrier Validation</p>
3:00 PM	<p>CHAPTER LEADERSHIP RECEPTION – GARDEN ROOM (3:00 PM- 4:00 PM)</p>					
3:30 PM	<p>COFFEE & NETWORKING – MARKET STREET FOYER & GRAND FOYER</p>					
	<p>OPERATOR TRACK 2: WORKFORCE, OPERATIONAL TRANSITIONS, & PRACTITIONER LESSONS</p> <p>MARINA ROOM</p>  <p>CA-NV SECTION <small>American Water Works Association</small></p>	<p>TRUST, OUTREACH, & COMMUNITY ADOPTION</p> <p>SEACLIFF A</p>	<p>SOURCE WATER & FACILITY DESIGN DECISIONS</p> <p>SEACLIFF B</p>	<p>REVERSE OSMOSIS RECOVERY & RETROFIT STRATEGIES</p> <p>SEACLIFF C</p>	<p>MODERNIZING TREATMENT FACILITIES & PROJECT EXPANSION</p> <p>SEACLIFF D</p>	<p>WATER BOARD PANEL</p> <p>BAYVIEW</p>
4:00 PM	<p>Preparing the Workforce for California’s Purified Water Future: IEUA’s Operator Training & Certification Pathway</p> <p>Scott Lening and Carl Samantello, Inland Empire Utilities Agency</p> 	<p>Trust: The Ultimate Ask When It Comes to Potable Reuse</p> <p>Sara Katz and Brent Eidson, Bodewell Group</p>  	<p>Secondary Effluent Is Not All Created Equal: Considerations for Potable Reuse Facilities</p> <p>Linda Sawyer, Brown and Caldwell</p>	<p>We May Need High-Recovery RO in Reuse Projects More Than Ever</p> <p>Ufuk Erdal, Black & Veatch; Medi Sinaki, Valley Water</p>	<p>Modernizing a Pioneering Advanced Water Purification Facility: Lessons Learned & Pathways to Higher Capacity Within the Existing Footprint</p> <p>Mark Donovan and Kevin Daniels, GHD</p>	<p>PANEL</p> <p>One Project, Many Regulators: Water Boards Staff Perspectives on Navigating Permitting & Oversight of Non-Potable & Indirect Potable Reuse Projects</p> <p>Scott Miller; Aidan Cecchetti; Rebecca Christmann</p> <p><i>CONTINUES</i></p>

DRAFT CONFERENCE PROGRAM

MONDAY, AUGUST 24

4:30 PM	<p>Operational Insights & Shared Lessons from Four CA Advanced Water Treatment Facilities: A Contract Operator's Perspective</p> <p>Alyssa "Sunshine" Smith and Stephen French, Jacobs</p> 	<p>Building Trust Where Reuse Was New: Agricultural Outreach Lessons from Harvest Water</p> <p>Jofil Borja, Sacramento Area Sewer District; Sarah Rhodes, Woodard & Curran</p>  	<p>Where's All the Water? Designing an AWWPF for Variable Flow Scenarios</p> <p>Kyle Fuller, Brown and Caldwell; Oliver Slosser, Las Virgenes Municipal Water District</p>	<p>From Risk to Readiness: Assessing Flow-Reversal Reverse Osmosis Retrofits at GWRS</p> <p>Alex Waite, Orange County Water District; Alex Wesner, Brown and Caldwell</p>	<p>At a Fork in the Road: What's Next for WRD's LVL Membrane Filtration</p> <p>Nathan Boyle, Hazen and Sawyer</p>	<p><i>(CONTINUED)</i></p> <p>One Project, Many Regulators: Water Boards Staff Perspectives on Navigating Permitting & Oversight of Non-Potable & Indirect Potable Reuse Projects</p>
5:00 PM	<p>Converting to Chloramination: An Operations Journey in RW Production</p> <p>Amelia Luna, Hazen and Sawyer; Matthew Lemmon, Napa Sanitation District</p> 	<p>Innovation in Action: Building Trust in Purified Recycled Water</p> <p>Manisha Kothari and Yinlan Zhang, SFPUC</p>  	<p>Comparative Evaluation of Nitrification-Denitrification & Nitrification-Only Tertiary Membrane Bioreactors for Water Reuse Applications</p> <p>Phung Quan, MWD of Southern California</p>	<p>Pushing Recovery Limits: Comparing Closed Circuit Reverse Osmosis & Flow Reversal Reverse Osmosis to Inform Smarter RO Design</p> <p>Daniel ten Bosch Black & Veatch; Greg Kowalski, Eastern Municipal Water District</p>	<p>Replacing the Transmission on a Moving Truck: An Expansion of the Pure Water Monterey Project</p> <p>Alex Wesner, Brown and Caldwell; David Bradley, Monterey One Water</p>	
5:30 PM	<p>WELCOME RECEPTION – MARKET STREET FOYER & GRAND FOYER (5:30 PM - 7:00 PM)</p>					

DRAFT CONFERENCE PROGRAM










TUESDAY, AUGUST 25

7:30 AM

BREAKFAST – GRAND BALLROOM

8:15 AM

OPENING SESSION (KEYNOTE) – GRAND BALLROOM

	OPERATOR TRACK 3: PURE WATER READY MARINA ROOM  <small>American Water Works Association</small>	BUILDING PUBLIC TRUST IN POTABLE REUSE SEACLIFF A	PERMITTING, REGULATORY STRATEGY, & METHOD APPROVAL SEACLIFF B	ALTERNATIVE DPR TREATMENT & VALIDATION SEACLIFF C	STRATEGIC CHOICES FOR POTABLE REUSE SEACLIFF D	FUTURE DPR PANEL BAYVIEW
10:30 AM	San Diego Pure Water Operations 	Building Public Trust: How to Communicate Water Reuse Effectively to Any Audience Tara Randall and Diana Leonard, Carollo Engineers  	Would We Do It Again? Lessons from Potable Reuse Permitting Under Alternative Delivery Sunny Wang, City of Santa Monica	Alternative DPR Train: Enhancing Resilience & Cost-Effectiveness Ufuk Erdal, Black & Veatch	Making Surface Water Augmentation Permitting a Reality with Interagency Collaboration Seval Sen, Padre Dam Municipal Water District; Eileen Idica, Trussell Technologies	PANEL CDM Smith Diamond Panel: What Will DPR Look Like in CA? An Exploration of the Possibilities
11:00 AM		Name It, Frame It, Claim It: Why Branding Your Project Matters! Rebecca Rubin, Soquel Creek Water District; Mark Millan, Data Instincts  	Using the State Reuse Regulatory Guide in an Advanced Regulatory Environment: Potential Applications in CA Fred Geringer, Brown and Caldwell; Amelia Luna, Hazen and Sawyer	Building the Foundation for LADWP's DPR Program: A Risk-Based Framework for Demonstrating Equivalency of Alternative Treatment Trains Gayathri Ram Mohan, Hazen and Sawyer; Jesus Gonzalez, LADWP	Drivers for IPR vs DPR When Seeking Water Security Yamrot Amha and Fernanda Baccaro, Stantec	
11:30 AM		Demonstrating Quality Through Experience: Bottling & Tasting as Tools for DPR Acceptance Brandon Adriano, Valley Water; Nasi Basiri, Santa Clara Valley Water District  	Why Settle for Standard? Pursuing Project-Specific Analytical Method Approval for Recycled Water at Orange County Claire Johnson and Prem Parmar, Orange County Water District	Evaluation of Alternative DPR Treatment Trains Through Chemical Spiking Greg Wetterau, CDM Smith 	Should We Pursue an Alternative for CA Direct Potable Reuse? The OASIS Water Resource Center Thought Process Alex Thomas, Moulton Niguel Water District; Amos Branch, Carollo Engineers	

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TUESDAY, AUGUST 25

12:00 PM




DOMO ARIGATO MR. ROBOTO: BLUE DIAMOND PANEL – GRAND BALLROOM
SEE PAGE 10 FOR DETAILS

<p>OPERATOR TRACK 4: ADVANCED WATER TREATMENT OPERATIONS & OPTIMIZATION</p> <p>MARINA ROOM</p>  <p>CA-NV SECTION <small>American Water Works Association</small></p>	<p>DELIVERING REGIONAL WATER RESILIENCE</p> <p>SEACLIFF A</p>	<p>DPR PILOTS, PERMITTING, & LESSONS LEARNED</p> <p>SEACLIFF B</p>	<p>PATHOGEN CREDITING & MEMBRANE INTEGRITY</p> <p>SEACLIFF C</p>	<p>DIGITAL TOOLS FOR REUSE PLANNING & OPERATIONS</p> <p>SEACLIFF D</p>	<p>POTABLE REUSE BENEFITS</p> <p>BAYVIEW</p>
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2:00 PM


<p>Operating Advanced Water Treatment Under Variable Wastewater Conditions</p> <p>Vijay Sundaram, AECOM</p> 	<p>Building One Program from Two Agencies: How LADWP & LASAN Unified Planning for Pure Water Los Angeles</p> <p>Rafael Villegas, LADWP; Hubertus (Huub) Cox, LASAN</p>  	<p>CA's First DPR Pilot: Early Insights from LADWP's Pilot</p> <p>Jesus Gonzalez and Gabriel Vargas, LADWP</p> 	<p>Dropping the Dose Down Under: How a Small Special District Applied Australia's Waterval Framework to Rethink CA's 450 Mg-min/l Requirement</p> <p>Hannah Ford, El Toro Water District; Newman Jacob, Trussell Technologies</p>	<p>From Treatment to Reuse: Spatial Tools for Managing Advanced Water Facilities</p> <p>Suzanne Timani, ESRI - USA</p>	<p>PANEL</p> <p>AECOM Sponsored Panel: Affordability & Holistic Benefits of Potable Reuse</p>
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2:30 PM

<p>Full-Scale RO Membrane Evaluation Program to Support Product Selection Using Satellite Pressure Vessels: Operational Lessons from OCWD GWRS</p> <p>Han Gu and Derrick Mansell, Orange County Water District</p> 	<p>Planning for What's Next: Advancing Potable Reuse to Secure Santa Clara County's Water Future</p> <p>Rene Guillen, Brown and Caldwell</p>  	<p>Piloting for Permitting: Valley Water's Trailblazing DPR Approach</p> <p>Medi Sinaki, Valley Water; Brie Post, Trussell Technologies</p>	<p>Evaluate the Pathogen Reduction Credits for an Aging Advanced Water Treatment Facility Low-Pressure Membrane System</p> <p>Brittany Liu and Tom Knoell, Water Replenishment District</p>	<p>The Common Math: Jpegs, Noise-Canceling Headphones, & Wastewater Early Warning System</p> <p>Karthik Kumarasamy, AECOM</p>	
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DRAFT CONFERENCE PROGRAM

TUESDAY, AUGUST 25

3:00 PM	<p>Pure Water Oceanside Operations Optimization</p> <p>Rudy Guzman, City of Oceanside; Eileen Idica, Trussell Technologies</p> 	<p>Start to Finish of an Indirect Potable Reuse Project</p> <p>John Robinson, John Robinson Consulting; Scott Lynch, Jurupa Community Service District</p> 	<p>The State Water Board's Potable Reuse Workgroup & Lessons Learned</p> <p>Angelica Rojas and Laura McLellan, State Water Resources Control Board</p>	<p>Navigating Regulatory Approval: Online Strontium Monitoring for Higher Pathogen Removal Crediting in RO Systems</p> <p>Troy Pittenger, SailBri Cooper Inc.; Seval Sen, Padre Dam Municipal Water District</p>	<p>Digital Defense: Using SCADA to Coordinate Purified Water & Injection Wells</p> <p>Melanie Mow Schumacher and Nicholas Emmert, Sequel Creek Water District</p>	<p><i>(CONTINUED)</i></p> <p>AECOM Sponsored Panel: Affordability & Holistic Benefits of Potable Reuse</p>
3:30 PM	<p>COFFEE & NETWORKING BREAK – MARKET STREET FOYER & GRAND FOYER</p>					
4:00 PM	<p>ROUNDTABLE DISCUSSION (INVITATION ONLY) – GARDEN ROOM (4:00 PM - 5:30 PM)</p>					
	<p>OPERATOR TRACK 5: INJECTION WELLS, STARTUP & FACILITY PERFORMANCE</p> <p>MARINA ROOM</p>  <p>CA-NV SECTION American Water Works Association</p>	<p>UV AOP RESEARCH & CHALLENGE TESTING</p> <p>SEACLIFF A</p>	<p>SCALING PROGRAM DELIVERY ACROSS REUSE SYSTEMS</p> <p>SEACLIFF B</p>	<p>OZONE, UV, & COMMISSIONING LESSONS</p> <p>SEACLIFF C</p>	<p>PFAS, INDUSTRIAL REUSE, RO MONITORING</p> <p>SEACLIFF D</p>	<p>DPR PROJECT DELIVERY</p> <p>BAYVIEW</p>
4:00 PM	<p>The Challenging Journey to Maximize Plant Capacity – Commissioning & Start-Up Onsite Injection Well</p> <p>Jessica Koop, Water Replenishment District; Breanne Padilla, PERC Water Corporation</p> 	<p>Upcoming UV/ AOP Challenge Testing at North City Pure Water Facility</p> <p>Aleks Pisarenko, Trussell Technologies; Sarah Brower, City of San Diego Public Utilities</p>	<p>When Reuse Meets Reality: A Systems View of Pure Water Los Angeles</p> <p>Rafael Villegas LADWP; Hubertus (Huub) Cox, LASAN</p> 	<p>Optimizing Ozone Treatment for DPR: Bench-Scale Evaluation of Bromate Formation & Mitigation</p> <p>Yamrot Amha Stantec; Dinaz Kureishy, City of Santa Monica</p>	<p>Pilot-Scale Comparison of GAC, IX & SMC Adsorbents for PFAS Removal in Municipal Reuse Reverse Osmosis Concentrate (MRROC)</p> <p>Yue (Sophie) Sun, Orange County Water District; Charlie Liu, Kennedy Jenks Consultants</p> 	<p>PANEL</p> <p>Jacobs Diamond Panel: From Projects to Programs: How Agencies Are Delivering Water Reuse & Supply Programs at Scale</p>

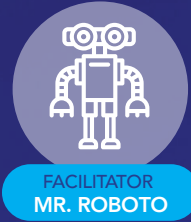
DRAFT CONFERENCE PROGRAM

TUESDAY, AUGUST 25

4:30 PM	<p>Optimizing Injection Well Controls & Operation for Pure Water Oceanside</p> <p>Nathaniel Peckham and Rudy Guzman, City of Oceanside</p> 	<p>Enhancing Understanding of UV/AOP Fundamentals Through Applied Pilot Research to Inform Calval Guidance</p> <p>Keel Robinson, Trussell Technologies; Harold Wright, Carollo</p>	<p>Program Management as Connected Systems to Deliver Scalable, Integrated Water Reuse Infrastructure Programs</p> <p>Jacquelin Mutter, HDR; Johan Torroledo, LADWP</p> 	<p>Best Practices for Design & Permitting of UV Disinfection for 4+ Log Virus Inactivation</p> <p>Anthony Pimentel and Bryan Townsend, Black & Veatch</p>	<p>Characterizing RO Fouling in MBR-RO Trains Through Improved Monitoring</p> <p>Michael Adelman, Stantec; Nao Shimizu, KUBOTA Water and Environment</p>	<p><i>(CONTINUED)</i></p> <p>Jacobs Diamond Panel: From Projects to Programs: How Agencies Are Delivering Water Reuse & Supply Programs at Scale</p>
5:00 PM	<p>Now That You've Built an IPR Facility, How Do Your Operators Run It?</p> <p>Mehul Patel and Derrick Mansell, Orange County Water District</p> 	<p>Impact of Performance Metrics & Control Strategies on UV AOP System Operating Efficiency</p> <p>Bryan Townsend, Black & Veatch</p>	<p>Balancing NPR, DPR, & Source Flows: Glendale's Reuse Roadmap</p> <p>Ryan Hejka, Board for Professional Engineers; Chisom Obegolu, Glendale Water and Power</p>	<p>Lessons Learned from the Design, Testing, & Commissioning of an IPR Ozone System</p> <p>Cameron Kostigen Mumper, Soquel Creek Water District; Austin Cuniff, Black & Veatch</p>	<p>Reverse Osmosis Operational Strategies & Data Tools to Maintain High-Quality Product Water for Industrial Reuse</p> <p>Kristine Yung, East Bay MUD; Aleks Pisarenko, Trussell Technologies</p>	
5:30 PM	<p>PRESIDENT'S RECEPTION – LOWER/UPPER ATRIUM & WATERFRONT C,D,E (5:30 PM - 7:00 PM)</p>					

BLUE DIAMOND PANEL

DOMO ARIGATO MR. ROBOTO



FACILITATOR
MR. ROBOTO

RECYCLED WATER, INTELLIGENT SYSTEMS, AND CALIFORNIA'S WATER FUTURE

This plenary session uses the lens of intelligent systems to explore how recycled water can be delivered with greater reliability, efficiency, and public confidence, while supporting operators, managers, and utilities navigating an increasingly complex operating environment. By connecting innovation with practical implementation, the session will frame recycled water not just as a technical solution, but as a critical community asset for California's water future.

A combination of plenary-scale storytelling, live audience engagement, and real-world case studies will demonstrate how machine learning and artificial intelligence are already being applied in recycled water and advanced treatment processes. Discussion will focus on practical benefits to daily operations, such as:

- Improved process stability and regulatory confidence
- Energy and chemical optimization
- Operator and staff decision-support
- Increased transparency and trust in recycled water systems



OPTIMUS OSMOSIS



FLUSHTRON



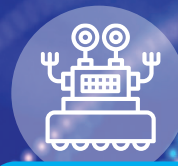
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DRAFT CONFERENCE PROGRAM

WEDNESDAY, AUGUST 26




8:00 AM	BREAKFAST WITH THE EXHIBITORS – MARKET STREET FOYER & GRAND FOYER				
	<p>DESIGNING REUSE FACILITIES FOR OPERATIONS</p> <p>SEACLIFF A</p>  <p>CA-NV SECTION American Water Works Association</p>	<p>COMMUNITY SUPPORT & ENGAGEMENT FOR REUSE</p> <p>SEACLIFF B</p>	<p>OPERATIONAL LESSONS FROM POTABLE REUSE FACILITIES</p> <p>SEACLIFF C</p>	<p>INDUSTRIAL & MULTIUSE REUSE APPLICATIONS</p> <p>SEACLIFF D</p>	<p>IPR IMPLEMENTATION PANEL</p> <p>BAYVIEW</p>
9:00 AM	<p>Think Like an Operator: Designing an AWWP with Commissioning/ Operations in Mind</p> <p>Austin Cunniff, Black & Veatch; Cameron Kostigen Mumper, Soquel Creek Water District</p> 	<p>Hitting the Intel Jackpot: Using Potable Reuse Research to Tailor Messaging & Inform Outreach</p> <p>Laura Rocha, Moulton Niguel Water District; Richard Bernard, FM3</p>	<p>Harnessing the Calculus of UV AOP Systems Without Instrumentation: Why Less Can Lead to More</p> <p>Scott Bindner, Trojan Technologies</p>	<p>The Multi-Faceted World of Water Reuse Projects</p> <p>Catalina Alvarado Claro and Jay Witherspoon, AECOM</p>	<p>PANEL</p> <p>Walsh Construction Diamond Panel: Pushed to the Limit – Implementation of Pure Water Project Las Virgenes-Triunfo</p>
9:30 AM	<p>MBR for Californians: Optimizing & Advancing MBR for Reuse</p> <p>Ben Christensen, Trussell Technologies</p> 	<p>The Water We Share: Engaging Youth to Build Community Support for Purified Water</p> <p>Lakeisha Bryant and Elizabeth Park, Valley Water</p>	<p>From Construction to Operation: Lessons Learned Commissioning Advanced Water Treatment Facilities</p> <p>Tyler Lund and David Massie, CDM Smith</p> 	<p>Reclaimed Wattage: A Historical Case Study on the Use of Recycled Water for Industrial Cooling</p> <p>John Moynier, Garney Construction</p>	
10:00 AM	<p>Early Operational Insights from Parallel IPR & DPR Testing at San Diego's Central Area Small-Scale Facility</p> <p>Samantha Hogard, Trussell Technologies; Sarah Brower, City of San Diego Public Utilities</p> 	<p>Bringing the Community Along: The LAGWR Engagement Story</p> <p>Lenyde Chavez, Carollo Engineers; Jesus Gonzalez, LADWP</p>	<p>Mission Possible: Early Lessons from Pure Water Soquel's First Year of Operations</p> <p>Yerae Seo, Brown and Caldwell; Cameron Kostigen Mumper, Soquel Creek Water District</p>	<p>Water Recycling & Reuse: Critical Tools for Water Resilience & Semiconductor Manufacturing in California</p> <p>Zeynep Erdal and Heather Cheslek, Black & Veatch</p>	

DRAFT CONFERENCE PROGRAM

WEDNESDAY, AUGUST 26

10:30 AM

COFFEE & NETWORKING BREAK – MARKET STREET FOYER & GRAND FOYER

	MONITORING, TRACERS, & WATER QUALITY CREDITING SEACLIFF A	RESEARCH, BIOASSAYS, & NUTRIENT OPPORTUNITIES SEACLIFF B	INFRASTRUCTURE DELIVERY FOR REUSE PROJECTS SEACLIFF C	WORKFORCE DEVELOPMENT & STAFFING SEACLIFF D	INNOVATIVE SOLUTIONS PANEL BAYVIEW
11:00 AM	<p>Making the Invisible Visible: Comparing Intrinsic & Fluorescent Tracers from Implementation to Interpretation at Pure Water Soquel</p> <p>Carlotta Leoncini and Cameron Tana, Montgomery & Associates</p>	<p>Charting the Next Wave of Reuse Research: The Water Research Foundation's Grant 3 with CA State Water Board</p> <p>Julie Minton, The Water Research Foundation; Laura McLellan, State Water Resources Control Board</p> 	<p>Progressive Design-Build Mindset: San Francisco International Airport's Recycled Water System Project</p> <p>Tom Kral, Walsh Construction; Chris McManus, San Francisco International Airport</p>	<p>Building the Future Workforce: Investing in High School Workforce Development Programs</p> <p>Janel Ancayan, Water Replenishment District; Mariann Johnson, Tomorrow's Talent</p>	<p>PANEL</p> <p>Black & Veatch Diamond Panel: From Vision to Operations: Innovative Solutions Driving the Next Generation of Reuse Facilities</p>
	<p>Cracking the Black Box: Open-Source Chemical Kinetics Modeling for UV Advanced Oxidation</p> <p>Yoko Koyama and Harold Wright, Carollo</p> 	<p>Six Years of Bioassays in Recycled Water Monitoring: Progress, Pitfalls, & Possibilities</p> <p>Luciana Pereyra and Aarthi Mohan, Trussell Technologies</p>	<p>Leading SFPUC to the Treasure Chest: Treasure Island Water Resource Recovery Facility</p> <p>Billy Wong, Stantec; Calvin Huey, SFPUC</p>	<p>Building the Team: Key Staffing Strategies for an AWPf</p> <p>Kevin Daniels, GHD</p>	
	<p>Reconciling Water Quality & Dilution Requirements in a California Reuse Reservoir</p> <p>David Austin, Jacobs; Oliver Slosser, Las Virgenes Municipal Water District</p>	<p>CA Nutrient Regulations & Statewide Indexing Efforts with Wastewater Agencies to Inform Exploration of Additional Reuse Opportunities</p> <p>Michael Falk, HDR; Jared Voskuhl, CA Association of Sanitation Agencies</p>	<p>Innovation in Construction to Deliver LA's Groundwater Replenishment Project</p> <p>Jesus Gonzalez and Sebastien Rossouw, LADWP</p> 	<p>Learning by Doing: Developing Confident Operators for Modern Utilities</p> <p>Jake Lincoln and Shannon Jessica, Cloacina, LLC</p>	

12:30 PM

AWARDS LUNCHEON & MEMBERSHIP MEETING – GRAND BALLROOM

DRAFT CONFERENCE PROGRAM

WEDNESDAY, AUGUST 26

	SOURCE CONTROL & EMERGING WATER QUALITY RISKS SEACLIFF A	LONG-TERM WATER SUPPLY ROADMAPS SEACLIFF B	REUSE SAFETY, NUTRIENTS, & ENGINEERING INNOVATION SEACLIFF C	APPLIED DPR SCIENCE & TREATMENT TRAIN EVALUATION SEACLIFF D	COMMUNICATIONS LESSONS LEARNED PANEL BAYVIEW
2:00 PM	<p>Tire Wear Particles as Emerging Precursors to Disinfection Byproduct Formation in Urban Water Systems</p> <p>Gabson Baguma, University Of Nevada, Las Vegas</p>	<p>Adapting Water Reuse Strategies for a Resilient Future: East Bay Municipal Utility District's Strategic Path to 2050</p> <p>Florence Wedington and Reena Thomas, East Bay MUD</p>	<p>Behind the Code: How the CPC Protects Recycled Water Users</p> <p>Nancy King and Richard Mills, CA Dept of Water Resources</p>	<p>Coxsackievirus B5 Free Chlorine Inactivation in Treated Wastewater & Prediction with Machine Learning</p> <p>Alma Bartholow, Naval Research Lab</p>	<p>PANEL</p> <p>Don't Mess with My Hetch Hetchy Water! What Surveys & Polling Tell Us about Introducing Purified Water to a Beloved Water Supply</p> <p>Betsy Lauppe Rhodes, Fan Lau</p> 
2:30 PM	<p>The Road to Enhanced Source Control in Oz: Lessons Learned That Can Benefit California</p> <p>Mary Kate Forkan and Cora LeMar, Carollo Engineers</p> 	<p>Data Analysis Techniques for Determining LRVs for MBRs</p> <p>Emily Clements, Carollo Engineers; Larry Morris, Kubota Water and Environment</p>	<p>A Greener Path: Reducing Nutrients Through Water Reuse</p> <p>Daniel Gill, Dublin San Ramon Services District</p>	<p>An Unexpected Endangered Species: Pathogen Credits in DPR</p> <p>Brian Pecson, Trussell Technologies; Dave Tucker, Valley Water</p>	
3:00 PM	<p>Managing PFAS During Groundwater Augmentation of Non-RO Treated Effluents</p> <p>Ganesh Rajagopalan and Vijay Sundaram, AECOM</p>	<p>Successfully Navigating the Long Road to Maximize Potable Reuse – Carpinteria's Unique Journey</p> <p>Robert Morrow, WSC; Bob McDonald, Carpinteria Valley Water District</p>	<p>Advancing DPR in Practice: Engineering Innovations from Pure Water Silicon Valley</p> <p>Hossein Ashktorab and Nasi Basiri, Santa Clara Valley Water District</p>	<p>Advancing Direct Potable Reuse: Bench-Scale Insights into Alternative Treatment Trains for Pure Water Southern California</p> <p>Ryan Gustafson, MWD of Southern California; Bryan Trussell, Trussell Technologies</p>	
3:30 PM	ADJOURN				



WRF WORKSHOP

FRAMEWORK & TOOLS TO BUILD STRONG PARTNERSHIPS & SOLIDIFY SUCCESSFUL INTERAGENCY REUSE PROJECTS

This workshop is a continuation of a two-year research effort to create a framework and tools to enable strong partnerships. Informed by in-depth exploration of leading utilities, the effort led to the development of a roadmap for advancing regional and interagency collaborations and a robust toolbox of specific solutions. This workshop will deliver resources and guidance to help water reuse professionals navigate the complexities of interagency and public-private partnerships.

PARTNERING FOR IMPACT: WATER REUSE

Get an introduction to Partnering for Impact: Water Reuse, a peer-to-peer network for professionals that enables direct communication, fosters mentoring opportunities, and helps advance implementation of municipal and industrial programs.

KEY AREAS

- Vision
- Collaboration
- Agreements
- Economics
- Regulatory
- Communication

FACILITATORS & PRESENTERS

Felicia Marcus
Stanford University

Eric Rosenblum, PE
Envirosppectives

Dave Smith
Water Innovation Services

Shannon Spurlock
Pacific Institute

Rick Warner
Jacobs

REGISTRATION
PREFERRED BUT
NOT REQUIRED



LUNCH PROVIDED

