



**Joint Virtual Meeting of the WaterReuse California  
Northern California & Central Valley/Sierra Foothills Chapters  
Friday, May 6, 2022  
9:30 am to 12:00 pm  
Agenda**

<https://us02web.zoom.us/j/87456734397?pwd=TWFXZUs0Q3JEYS9ndHlLdWJUUGE2Zz09>

**DECLINING FLOWS AND A FOCUS ON NON POTABLE REUSE**

<b>9:30 – 9:35 am</b>	<b>Welcome/Opening Remarks</b> Pedro Hernandez, WaterReuse California Northern California Chapter President
<b>9:35 – 10:00 am</b>	<b>Declining Flows – Round Table</b> Melanie Holmer, National Water Reuse Leader, Brown & Caldwell Jose Ramirez, Senior Engineer, Regional San Jan Lee, Assistant General Manager, Dublin San Ramon Services District Tracy Crane, Wastewater Operations Manager, El Dorado Irrigation District
<b>10:00 – 10:25 am</b>	<b>Sharon Heights Satellite Recycled Water Project</b> Jed Beyer, Water Quality Manager, West Bay Sanitary District
<b>10:25 – 10:40 am</b>	<b>Networking Breakout Session</b>
<b>10:40 – 11:00 am</b>	<b>Updates</b> Leg/Reg – Jennifer West, Managing Director, WaterReuse California Proposed FDA Rule Changes on Agricultural Water and Potential Impacts to Agricultural Reuse – Carrie Del Boccio, Recycled Water Practice Leader, Woodard & Curran
<b>11:00 – 11:30 am</b>	<b>Using Recycled Water for Firefighting</b> Earle Hartling, Water Recycling Coordinator, Los Angeles County Sanitation Districts
<b>11:30 – 11:55 am</b>	<b>Update on Water Research Foundation Study 4962: Identifying the Amount of Wastewater Available and Feasible to Recycle in California</b> Dr. Harold Leverenz, Principal Investigator, UC Davis Ryujiro Tsuchihashi, Senior Technologist, Jacobs
<b>11:55 am – Noon</b>	<b>Closing Remarks</b> Pedro Hernandez, WaterReuse California Northern California Chapter President

## **SPEAKER BIOGRAPHIES**

### **MELANIE HOLMER**

Melanie Holmer is Brown and Caldwell's National Practice Leader for Reuse and has 24 years of experience in the strategic planning, design, and construction of major water, wastewater, and water reuse projects for a total treatment capacity of over 1 billion gallons per day. Melanie focuses on advanced treatment technologies, regulatory and policy development, and research, including pilot and full-scale trials to support diverse water supply strategies.

### **JOSE RAMIREZ**

Jose Ramirez is a Senior Civil Engineer and Water Recycling Program Manager for Regional San. Jose holds a B.S. Degree in Civil Engineering from California State University – Sacramento.

### **JAN LEE**

Jan Lee is the Assistant General Manager for DSRSD. She joined DSRSD in 2020 and has over 25 years of experience in the public and private sectors developing and implementing water, wastewater, and recycled water programs. In her current position at DSRSD, Jan oversees efforts to increase water supply reliability, interagency partnerships and collaborative efforts, emergency preparedness, and asset management. Ms. Lee holds a B.S. degree in Civil and Environmental Engineering from the University of California, Davis and is a licensed professional engineer.

### **TRACY CRANE**

Tracy Crane has over 28 years of experience in the wastewater field, much of which, was spent serving the citizens of Meridian Idaho, where he played a key role in the development of Idaho's first Municipal Recycled Water Program. In summer 2015, he and his family relocated to southern California where he helped the City of Riverside with the start-up of a plant-wide expansion project. Since 2017 he has served as the Wastewater/Recycled Water Operations Manager for El Dorado Irrigation District (EID).

### **JED BEYER**

Jed is the Water Quality Manager for West Bay Sanitary District, and has been with the District for 22 years. Additionally, Jed is responsible for Regulatory Compliance matters and is the Safety Officer at the District. He received his education from California State University, Sacramento and Cornell University. Jed holds CWEA certifications in Collection System Maintenance Grade IV and Environmental Compliance Inspector Grade I; and is a Certified Safety Management Specialist.

### **JENNIFER WEST**

Jennifer West is Managing Director of WateReuse California. Jennifer joined WateReuse California as Managing Director in 2014. Previously she worked for almost 20 years advancing water and recycled water policy in the California Legislature and before California's regulatory agencies -- including the State Water Board and the Department of Water Resources. She served as the Director for Water for the California Municipal Utilities Association.

### **CARRIE DEL BOCCIO**

Carrie Del Boccio is an engineer with the consulting firm Woodard & Curran. As Practice Leader for Woodard & Curran's Water Recycling team, she focuses on ensuring the firm provide recycled water solutions rooted in best practices and leading technology in this rapidly evolving market. With strong experience in permitting and program management, she ensures that our team's projects are in step with the changing regulatory landscape. Carrie serves on the WateReuse California Agricultural Reuse Committee and on the AWWA Water Reuse Committee.

### **EARLE HARTLING**

Referred to by many of his water recycling colleagues as the “Guru,” Earle Hartling has dedicated his entire professional career to the advancement of water reuse, not only for his agency but for the industry in general. He has been involved in just about every facet of water reuse, including planning and feasibility, regulatory development and compliance, legislation, contracts, external funding, studies and report production, and reuse site supervisor training. Since taking over the Sanitation Districts’ water recycling program in 1981, he has overseen the growth in number of that agency’s reuse sites from 11 to over 900 and the volume of recycled water usage from 35,000 acre-feet a year to over 100,000, just about 75% of the available supply. The amount of revenue generated by this program has increased to nearly \$10 million per year, with an additional cost recovery of over \$1.6 million per year. He is a graduate of Loyola Marymount University in Los Angeles with a BS in Environmental Biology and an MS in Environmental Science and Engineering. He was a founding member and the first president of the Los Angeles Chapter of the WaterReuse Association.

### **HAROLD LEVERENZ**

Dr. Harold Leverenz is an environmental engineer with more than twenty years of experience conducting studies on water reuse and resource recovery from waste streams. Harold is currently a project engineer in the department of civil and environmental engineering at University of California Davis and conducts independent studies as a private consultant.

### **RYUJIRO TSUCHIHASHI**

Ryujiro Tsuchihashi is a senior technologist in wastewater process engineering at Jacobs with extensive experience in wastewater treatment processes. His main areas of expertise include wastewater reclamation/reuse process evaluation and design, pilot testing, biological nutrient removal, and sidestream treatment. Ryujiro is one of the principal authors of textbooks Wastewater Engineering (5th Edition) and Water Reuse: Issues, Technologies and Applications.