GENERAL INFORMATION

EXHIBIT HALL HOURS

| Sunday, March 25 | 3:00 pm – 6:30 pm |
| Monday, March 26 | 7:30 am – 3:30 pm |
| Tuesday, March 27 | 9:30 am – 2:30 pm |

VENUE: PORTOLA HOTEL & SPA AT MONTEREY BAY

CONFERENCE WIFI
Stay connected at the WateReuse California Conference thanks to Black & Veatch, the official Conference Wi-Fi Sponsor.
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PRESIDENT’S RECEPTION AT THE MONTEREY BEACH HOUSE

Monday, March 26
5:30 pm – 7:30 pm
Monterey Beach House
285 Figueroa Street, Monterey, CA 93940

We hope you will join us on Monday evening for this fun-filled networking reception on the sands of the magnificent Monterey Bay. The evening will include food, drinks, games, a beach bonfire and entertainment by the Bounce Kitty Buskers Band – band sponsored by Norris Associates Water and Wastewater Engineering.

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The Conference Mobile App provides easy-to-use interactivity that will enhance your conference experience:

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PowerPoint Presentations can be found on the Conference Mobile App under each Session and Presentation.

CEUs AND PROFESSIONAL DEVELOPMENT HOURS (PDHs)

The WateReuse California Annual Conference is pleased to offer Professional Development Hours (PDHs) for all states and Continuing Education Units (CEUs) in the state of California.

How many educational credits can I earn at the California Annual Conference?

By attending all sessions on Sunday, Monday, and Tuesday, you can earn up to 1.5 Continuing Education Units (CEUs) and 15 Professional Development Hours (PDHs).

How do I earn educational credits at the California Annual Conference?

In order to receive CEU credit, you will be required to sign-in and sign-out of every session you attend. If you forget to sign-in or sign-out of a session, you will not receive credit for that session; you must do both at every session you attend.

In order to receive PDH hours, you will need to complete the PDH form located in your registration packet. These forms can be dropped off at one of the drop boxes located throughout the conference or mailed to the WateReuse office after the conference.

When will I receive credits for the California Annual Conference?

Certificates and transcripts will be made available to participants electronically within 8-10 weeks after the Conference. Please keep in mind that, although WateReuse does provide these files, most states will require the individual licensee to report continuing education credits.

In California, this will need to be done directly with CWEA.

General Information

Terminology and education credit requirements and restrictions vary widely. All participants are responsible for checking with their license/certification authority to ensure that the WateReuse technical concurrent sessions meet specific requirements.

CEU and PDH Credit Calculations:

1.0 CEU = 10 Hours of session time
1.0 PDH = 1 Hour of session time
1.0 Contact Hour = 1 Hour of session time

For Example: 1.2 CEU Credits = 12.0 PDH Credits or 17.0 PDH Credits could equate to 1.7 CEU Credits depending on individual state regulations.

PURE WATER MONTEREY CRAFT BEER THROWDOWN

Join Pure Water Monterey, Water Systems Consulting and some of the Monterey Peninsula’s best craft brewers as they compete for the title of Champion at the Pure Water Monterey Craft Beer Throwdown.

These award-winning brew masters will put their skills to the test combining the ingredients of their choosing with the clean and clear water from Pure Water Monterey’s Advanced Water Purification Demonstration Facility.

Attendees at the Welcome Reception will have the opportunity to taste the offerings while choosing their favorite and enjoying the festivities. We hope you’ll attend and experience what the Future of Water tastes like!
PLENARY SESSIONS

OPENING SESSION

Monday, March 26
8:30 am – 9:30 am
Room: De Anza Ballroom II & III

E. Joaquin Esquivel,
State Water Resources Control Board

E. Joaquin Esquivel was appointed to the State Water Resources Control Board (Board) by Governor Edmund G. Brown Jr. in March of 2017. Prior to his current appointment to the Board he served as Assistant Secretary for Federal Water Policy at the California Natural Resources Agency. Working in Governor Brown’s Washington D.C. office, Mr. Esquivel represented the interests of the Natural Resources Agency and its departments and facilitated, communication, outreach, coordination, and the development of policy priorities between the Agency, the Governor’s Office, the California Congressional delegation, and federal stakeholder agencies in the nation’s capital.

Prior to his July 2015 appointment to the Natural Resources Agency, Mr. Esquivel worked for U.S. Senator Barbara Boxer of California for eight and a half years in her Washington D.C. office.

Mr. Esquivel is a graduate of U.C. Santa Barbara with a B.A. in English, was born and raised in California’s Coachella Valley, the is the proud son of educators and grandson of farm workers.

AWARDS LUNCHEON AND PRESENTATION

Monday, March 26
12:00 pm – 1:30 pm
Room: De Anza Ballroom II & III

The Awards Luncheon will recognize excellent water reuse, reclamation, and recycling projects and practitioners. The California Section of the WateReuse Association will present the following Awards of Excellence during the luncheon on Monday:

• Recycled Water Agency of the Year (Large, Medium, and Small)
• Recycled Water Community Outreach/Public Education Program of the Year
• Recycled Water Advocate of the Year
• Recycled Water Customer of the Year
• Recycled Water Staff Person of the Year

GORDON COLOGNE BREAKFAST,
ANNUAL MEMBERSHIP MEETING
AND WATEREUSE FAMILY FEUD

Tuesday, March 27
8:00 am – 9:30 am
Room: De Anza Ballroom II & III

The Gordon Cologne Breakfast, honoring Judge Gordon Cologne (ret.), author of the Porter-Cologne Act and the first lobbyist for the WateReuse Association, brings together policy makers and conferees for an informal update of the latest issues of the day in Sacramento and Washington DC.

This session will also include the presentation of the Gordon Cologne Award, which for the last 20 years recognizes an individual who has made a significant contribution to the legislative or regulatory advancement of water recycling in California.

The 2018 Gordon Cologne Award will be presented to Assemblyman Bill Quirk in recognition for his outstanding work in successfully authoring AB 574 a WateReuse California - California Coastkeeper Alliance sponsored bill.

Additionally, Jennifer West, WateReuse California Managing Director, Richard Harris, Nossaman LLP, legislative advocate for WateReuse California and Pat Sinicropi, Executive Director of the WateReuse Association will provide state and federal legislative and regulatory updates.

Finally, don’t miss the first ever WateReuse Family Feud — North vs. South Edition. Watch teams of General Managers from the North and South face off against each other to answer questions related to recycled water, potable reuse, California and federal water reuse policy and more. Winners receiving prizes and bragging rights!
TOWN HALL PLENARY SESSION AND LUNCHEON

Tuesday, March 27
12:00 pm – 2:00 pm
Room: De Anza Ballroom II & III

Steven Moore, California State Water Resources Control Board

Steven Moore was appointed to the board by Governor Edmund G. Brown Jr. in 2012, reappointed in 2016, and elected as Vice Chair of the Board in 2017. He previously served on the San Francisco Bay Regional Water Board from 2008-2012 under the Brown and Schwarzenegger administrations and held staff positions at that Regional Water Board at various times between 1992-2006.

Between 1989 and 2012, Mr. Moore worked over 10 years as an engineer and consultant on a wide variety of water infrastructure projects, including sewer reconstruction, recycled water, stormwater, water supply, stream and wetland restoration, and Environmental Impact Reports throughout California. Mr. Moore has experience both obtaining and issuing discharge permits, wetland permits, and clean water grants and loans. He led Basin Planning for the Regional Water Board from 2002-2006.

Mayor Bill Kampe, Mayor of the City of Pacific Grove and President of the Monterey Peninsula Regional Water Authority

Bill started his professional career earning graduate degrees in engineering and business after serving our country in the United States Navy. A 35-year career with Hewlett-Packard and Agilent Technologies followed in Senior Marketing and Quality Management roles. That experience included global marketing responsibilities for electronic instruments, leadership of environmental programs, customer satisfaction programs, innovation practices, and financial performance measurement.

Jim Peasley, Padre Dam Municipal Water District

Director Peasley was re-elected to his second four year term in November 2014. He served as Board President in 2014 and Vice President in 2013 and 2018. Peasley has over 35 years of experience in water, recycled water, and wastewater industries as a Registered Professional Civil Engineer. Director Peasley is Padre Dam’s current representative on the San Diego Metro Commission/Metro Wastewater Joint Powers Authority, and the Santee Chamber of Commerce. He is also the alternate member of the City of San Diego Independent Rates Oversight Committee.

Charles Caspary, Las Virgenes Municipal Water District

Charles Caspary (Division 1 Director, Vice President) joined the LVMWD board in 2001. A resident of Hidden Hills, he has more than 35 years of experience in the recycling and environmental services industry. Mr. Caspary is former owner of Atlas Refuse Removal and Las Virgenes Disposal, and served on the California Refuse Removal Council, the Greater Los Angeles Solid Waste Management Association. He is named
as co-inventor of several patents in solar energy and water desalination. Caspary formerly served on the Board of Trustees for the Boys & Girls Club of Conejo and Las Virgenes and as a Trustee for the Viewpoint Educational Foundation. Mr. Caspary currently serves on the board of Run For Her, a Calabasas-based charity that promotes awareness of ovarian cancer and raises research funds for the Women’s Cancer Research Institute at Cedars - Sinai. He also represents the District on the Governing Board of the Santa Monica Bay Restoration Commission.

**Barbara Keegan, Santa Clara Valley Water District**

Barbara Keegan was born in Canada to Irish immigrant parents. At the age of twelve her family moved to California, and they subsequently became American Citizens. She first moved to San Jose in 1975 and has lived in District 2 for most of her life. Barbara and her husband currently reside in Willow Glen.

Barbara is a third generation Civil Engineer and has lived in Canada, Ireland, the United States and Brazil. She attended San Jose State University where she earned her Bachelor’s and Master’s degrees in Civil Engineering. Barbara is a licensed Civil Engineer.

Barbara has a strong professional background in Civil Engineering which includes many years of experience in successfully delivering capital projects and resolving construction disputes. She was the second woman engineer to be hired by the City of San Jose’s Public Works Department where she worked for 19 years and rose to the level of Division Manager. Her Division was the largest in the Department and she directly supervised over 100 employees.

Subsequently Barbara became the City Engineer/Assistant Director of Public Works for the City of Sunnyvale. Barbara represented Sunnyvale on the Cities/County/Water District collaborative that dealt with land use authority adjacent to streams. The last two years of her career were spent at the Water District.

In addition to serving on the Water District Board, Barbara also serves on the Boards of the North Willow Glen Neighborhood Association and the San Jose Arena Authority.
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David Russell, Director of Sales & Business Development
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drussell@membranechemicals.com

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(925) 949-5949
lopezdc@bv.com

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Larry Schimmoller, Global Practice Lead for Water Reuse
(720) 286-5345
larry.schimmoller@ch2m.com

**Irvine Ranch Water District**
Mark Tettemer, Recycled Water Development Manager
(949) 453-5300
tettemer@irwd.com

**Kennedy/Jenks Consultants**
Dawn Tafler, Recycled Water Practice Leader
(626) 568-4300
dawntafler@kennedyjenks.com

**Monterey Peninsula Water Management District & Monterey One Water**
Steve Thomas, Public Outreach
(831) 920-1963
steve@tbcccommunications.com

**North San Diego Water Reuse Coalition**
Michael Thornton
(760) 753-6203
thornton@sejpa.org

**Orange County Water District**
Michael Markus, General Manager
(714) 378-3305
mmarkus@ocwd.com

**Tetra Tech**
Steve Tedesco, Senior Vice President
(949) 809-5153
steve.tedesco@tetratech.com

**Wallace Group**
Kari Wagner, Director of Water Resources
(805) 544-4011
kariw@wallacegroup.us

**Water Replenishment District of Southern California**
Pete Brown, Manager of External Affairs
(562) 921-5521
pbrown@wrd.org

**Water Systems Consulting, Inc.**
Jeffery Szytel, President/CEO
(805) 457-8833
jszytel@wsc-inc.com

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**American Water Chemicals, Inc.**
David Russell, Director of Sales & Business Development
(813) 246-5448
drussell@membranechemicals.com

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Daniel Lopez, Area Operations Manager
(925) 949-5949
lopezdc@bv.com

**CH2M, now Jacobs**
Larry Schimmoller, Global Practice Lead for Water Reuse
(720) 286-5345
larry.schimmoller@ch2m.com

**Irvine Ranch Water District**
Mark Tettemer, Recycled Water Development Manager
(949) 453-5300
tettemer@irwd.com

**Kennedy/Jenks Consultants**
Dawn Tafler, Recycled Water Practice Leader
(626) 568-4300
dawntafler@kennedyjenks.com

**Monterey Peninsula Water Management District & Monterey One Water**
Steve Thomas, Public Outreach
(831) 920-1963
steve@tbcccommunications.com

**North San Diego Water Reuse Coalition**
Michael Thornton
(760) 753-6203
thornton@sejpa.org

**Orange County Water District**
Michael Markus, General Manager
(714) 378-3305
mmarkus@ocwd.com

**Tetra Tech**
Steve Tedesco, Senior Vice President
(949) 809-5153
steve.tedesco@tetratech.com

**Wallace Group**
Kari Wagner, Director of Water Resources
(805) 544-4011
kariw@wallacegroup.us

**Water Replenishment District of Southern California**
Pete Brown, Manager of External Affairs
(562) 921-5521
pbrown@wrd.org

**Water Systems Consulting, Inc.**
Jeffery Szytel, President/CEO
(805) 457-8833
jszytel@wsc-inc.com

**GRAND PLATINUM CONFERENCE SPONSORS**

**American Water Chemicals, Inc.**
David Russell, Director of Sales & Business Development
(813) 246-5448
drussell@membranechemicals.com

**Black & Veatch**
Daniel Lopez, Area Operations Manager
(925) 949-5949
lopezdc@bv.com

**CH2M, now Jacobs**
Larry Schimmoller, Global Practice Lead for Water Reuse
(720) 286-5345
larry.schimmoller@ch2m.com

**Irvine Ranch Water District**
Mark Tettemer, Recycled Water Development Manager
(949) 453-5300
tettemer@irwd.com

**Kennedy/Jenks Consultants**
Dawn Tafler, Recycled Water Practice Leader
(626) 568-4300
dawntafler@kennedyjenks.com

**Monterey Peninsula Water Management District & Monterey One Water**
Steve Thomas, Public Outreach
(831) 920-1963
steve@tbcccommunications.com

**North San Diego Water Reuse Coalition**
Michael Thornton
(760) 753-6203
thornton@sejpa.org

**Orange County Water District**
Michael Markus, General Manager
(714) 378-3305
mmarkus@ocwd.com

**Tetra Tech**
Steve Tedesco, Senior Vice President
(949) 809-5153
steve.tedesco@tetratech.com

**Wallace Group**
Kari Wagner, Director of Water Resources
(805) 544-4011
kariw@wallacegroup.us

**Water Replenishment District of Southern California**
Pete Brown, Manager of External Affairs
(562) 921-5521
pbrown@wrd.org

**Water Systems Consulting, Inc.**
Jeffery Szytel, President/CEO
(805) 457-8833
jszytel@wsc-inc.com
**PURPLE CONFERENCE SPONSORS**

**AECOM**  
Zeynep Erdal, Vice President  
(714) 973-3362  
zeynep.erdal@aecom.com

**Covello**  
Danielle Green, Associate/Construction Manager  
(925) 993-2300  
marketing@covellogroup.com

**Data Instincts, Public Outreach Consultants**  
Mark Millan, Principal  
(707) 836-0300  
millan@datainstincts.com

**Dublin San Ramon Services District**  
Rhodora Biagtan, Principal Engineer  
(925) 875-2255  
biagtan@dsrsd.com

**HydroScience Engineers, Inc.**  
Curtis Lam, Principal  
(510) 540-7100  
clam@hydroscience.com

**John Robinson Consulting, Inc.**  
John Robinson, Principal  
(626) 375-9389  
jrobinson@johnrobinsonconsulting.com

**Katz & Associates**  
Patricia Tennyson, Executive Vice President  
(858) 926-4002  
ptennyson@katzandassociates.com

**MNS Engineers, Inc.**  
Mark Rincon-Ibarra, Principal Engineer/Water Resources Market Leader  
(805) 648-4840  
mricon@mnsengineers.com

**Padre Dam Municipal Water District**  
Allen Carlisle, CEO/General Manager  
(619) 448-3111  
customer@padre.org

---

**San Diego County Water Authority**  
Toby Roy, Water Resources Manager  
(858) 522-6743  
troy@sdcwa.org

**T.R. Holliman and Associates, Inc.**  
Thomas Holliman, President/Managing Engineer  
(909) 573-6802  
trholliman@gmail.com

---

**EXHIBITORS**

**American Water Chemicals**  
David Russell, Director of Sales and Business Development  
(813) 246-5448  
drussell@membranechemicals.com

**Calgon Carbon UV Technologies**  
Steven Day, Marketing Director - UVT  
(724) 218-7001  
vu@calgoncarbon.com

**DN Tanks**  
Tanner Bennett, Regional Manager, Northern California and Nevada  
(408) 663-0479  
tanner.bennett@dntanks.com

**Environmental Science Associates**  
Alisa Moore, Director, Bay Area Water  
(415) 962-8440  
amoore@esassoc.com

**Eurofins Eaton Analytical, Inc.**  
Rick Zimmer, Account Manager  
(949) 466-8266  
rickzimmer@eurofinsus.com

**Evoqua Water Technologies, LLC**  
Anthony Zamarro, Product Lead, MemPulse MBR  
(978) 863-4632  
anthony.zamarro@evoqua.com

**H2O Innovation**  
Naomi Jones, Sales Engineer  
(760) 598-2206  
naomi.jones@h2oinnovation.com
Hach
Nayan Kapadia, Divisional Sales Manager
(909) 851-2429
nkapadia@hach.com

JBI Water & Wastewater Equipment
Simon Morris, Process Engineer
(800) JBI-WEST
simonmorris@jbiwater.com

Mazzei Injector Company, LLC
Jim White, Regional Sales Manager
(661) 363-6500
jwhite@mazzei.net

Michael Baker International
Joel Bowdan & Dan Smith, Project Managers
(858) 614-5035
jbowdan@mbakerintl.com; dan.smith@mbakerintl.com

Monterey Peninsula Water Management District & Monterey One Water
Steve Thomas, Public Outreach
(831) 920-1963
steve@tbccommunications.com

Nova Water Technologies, LLC
Mark Murphy, Director of Sales
(415) 622-6066
markmurphy@novawt.com

Orenco Systems Inc.
Jeff Pringle, Senior Account Manager
(541) 459-4449
jpringle@orenco.com

Pacific States Water
Karen Jedele, Business Development Manager
(714) 357-2084
kjedele@pacificstateswater.com

ReUse Innovations, Inc.
Randall Nelson, Design Team Leader
(828) 332-7221
randall@renewingwastewater.com

Scinor Water America, LLC
Tom Poschmann, CEO
(800) 774-1385
tom.poschmann@scinor.com

Tetra Tech
Steve Tedesco, Senior Vice President
(949) 809-5153
steve.tedesco@tetratech.com

TrojanUV
Adam Festger, Market Manager
(519) 457-3400
afestger@trojanuv.com

Wallace Group
Kari Wagner, Director of Water Resources
(805) 544-4011
kariw@wallacegroup.us

Water Systems Consulting, Inc.
Jeffery Szytel, President/CEO
(805) 457-8833
jszytel@wsc-inc.com

Wigen Water Technologies
Michael Bourke, VP Business Development
(303) 884-0694
michael.bourke@wigen.com
2018 WATER REUSE CALIFORNIA AWARD WINNERS

Congratulations to our 2018 WaterReUse California Award Winners. Be sure and view the Award Winners icon on the Conference Mobile App where you can find the full award description as well as an informational video they have each put together for the attendees to view.

RECYCLED WATER AGENCY OF THE YEAR – SMALL
Santa Ynez Band of Chumash Indians

The Santa Ynez Band of Chumash Indians (Tribe) reside on a 127-acre Reservation in the community of Santa Ynez, California, in Santa Barbara County. The Tribe has developed an extensive water reuse program over the past 14 years. In the early 2000s, the Tribe embarked upon a major expansion of their original casino on-Reservation, constructing the first Chumash Casino Report complex on the South Reservation.

In 2004, the Tribe began producing tertiary recycled water on-Reservation for landscape irrigation, cooling tower makeup, and toilet flushing at the Chumash Resort. The Tribe constructed a 0.2 mgd sequencing batch reactor (SBR) plant, with ultra-violet (UV) disinfection, and obtained their first treatment plant discharge permit from the EPA at that time. As a federal Indian Tribe, the Tribe did not need to obtain a State Regional Water Quality Control Board discharge permit; however, they ensured the plant has always complied with State standards for surface water discharge. The permit allowed the Tribe to discharge tertiary recycled water to the East Fork Zanja de Cota Creek (tributary to the Santa Ynez River), and to reuse the tertiary water for on-Reservation reuse including toilet flushing at the Chumash Casino Resort, on-Reservation landscaping, and cooling tower makeup water.

As part of the Tribe’s expansion of the Resort in 2016, the Tribe upgraded their WRF to a 0.4 mgd membrane bioreactor (MBR) plant and transitioned to disinfection using chlorine (sodium hypochlorite). At the same time, the Tribe expanded their existing 130,000-gallon recycled water storage capacity to 350,000 gallons to keep up with growing demands on their recycled water program. Wallace Group in conjunction with the Tribe, prepared the first Title 22 Engineering Report for State approval in 2015; once the plant was upgraded to the current MBR plant in 2016 (designed by Pace Engineering), Pace Engineering updated this Title 22 Engineering Report to include the MBR process, and also to address the new chlorine disinfection process which re-used the original plant sand filtration vessels for chlorine contact time. Pace Engineering successfully conducted a field pilot study, to determine that using low CT requirements (less than 90 minutes modal contact time) will reliably meet the required disinfection standards for tertiary recycled water (2.2 MPN coliform). This updated Report received State approval in January 2018, and the Tribe continues to deliver recycled water to reuse sites both on- and off-Reservation in Santa Ynez. Off-Reservation reuse sites include two landscaped parcels immediately adjacent to the South Reservation, the Tribe’s Unocal service station landscaping, and Caltrans median on Highway 246 adjacent to the South Reservation.

RECYCLED WATER AGENCY OF THE YEAR – MEDIUM
Monterey Peninsula Water Management District and Monterey One Water

Webster’s Dictionary describes the word innovation as “the introduction of something new or, a new idea, method or device” with its synonyms including “change, revolution, transformation and breakthrough” Pure Water Monterey embodies the definition of the word “innovation” as not only a groundbreaking project in its conception, but in its water sources, project partnerships, technology, agency approvals and the project’s importance to solving environmental health and water supply issues for an entire region.

While Advanced Water Purification projects are not new, most notably Orange County, no other projects have utilized such divergent water sources, across such a divergent and at times disenfranchised group of public and private partners. Additionally, from the standpoint of the science and technology behind safe and affordable water purification, there are no other projects that must account for the breadth and depth of potential contaminants and compounds of emerging concern that Pure Water Monterey does. Finally, under a State of California mandate for project completion and delivery of water by 2019, the principle project partners the Monterey One Water and the Monterey Peninsula Water Management District worked feverously to secure double digit local, state and federal agency approvals that were necessary to qualify for California’s State Revolving Fund loan.

Today, through the cooperative thinking of the Monterey Peninsula Water Management District and Monterey One Water the Pure Water Monterey Advanced Water Purification project has officially broken ground and will begin delivering 3,500+ acre-feet per year of pure, potable water in the Spring of 2019.

RECYCLED WATER AGENCY OF THE YEAR – LARGE
City of Modesto, City of Turlock and the Del Puerto Water District

Stanislaus County in California’s Central Valley produces more than $3 billion in agricultural exports annually, making it one of the state’s—and nation’s—top agricultural producers. That kind of production requires a lot of water—water that has been scarce in recent years due to ongoing drought and state mandated
pumping reductions. In fact, area farmers have received little or no state-supplied water at all for four out of the last five years, and despite recent rainfall, the future continues to look dry.

In December 2017, the North Valley Regional Recycled Water Program—a partnership between the cities of Modesto and Turlock and the Del Puerto Water District—began delivering a new supply of highly reliable tertiary-treated recycled water to thirsty fields and orchards in the San Joaquin Valley. At start up, the project delivers 30,600AFY into the Delta-Mendota Canal, making it one of the largest water recycling projects in the country.

“This changes the future for the district and its landowners,” says Anthea Hansen, Del Puerto’s General Manager. “It is reliable, it is something you can count on when you talk to the bank and make management decisions for your operation. To me that is the greatest value of this project.”

The project required a high degree of collaboration and coordination with US Bureau of Reclamation, California State Water Resources Control Board, Regional Water Quality Control Board, environmental interests, San Joaquin River and Delta-Mendota Canal water users, and between the NVRRWP partner agencies.

RECYCLED WATER COMMUNITY OUTREACH AND PUBLIC EDUCATION PROGRAM OF THE YEAR

East County Advanced Water Purification Program

Padre Dam Municipal Water District provides high quality water, recycled water, park/recreational facilities and wastewater management services for more than 100,000 people in East San Diego County. Padre Dam is 100 percent reliant on imported water for potable customer distribution.

In 2015, as California faced its fifth year of drought and the cost of imported water continued to rise, Padre Dam knew it had to create a solution by diversifying its water supply source and identifying a local supply. As a leader in water reuse, Padre Dam recognized it made sense to recycle its water. With a three million dollar grant from the Department of Water Resources, innovative water purification technologies and knowledge from its pioneering work in wastewater treatment and reuse, Padre Dam embarked on its Advanced Water Purification (AWP) program. Through the program, Padre Dam would create a new, local, and reliable and drought proof drinking water supply by treating recycled water using advanced water purification technology.

From the beginning, Padre Dam determined a robust public education and outreach program was a crucial element for the program’s overall success. Project leadership agreed community support was as necessary as technical feasibility to evaluate the program. As part of a demonstration facility that produces 100,000 gallons of purified water each day, an AWP Visitor’s Center was built to welcome the community and serve as the hub for public education and exploration. The public education program was launched with initial perception research, inception planning and results compilation.

Utilizing the results of the initial survey a communications program was developed for the project. The education and outreach goals of the Advanced Water Purification Program are to:

- Inform and educate East County stakeholders on the benefits and needs of the Advanced Water Purification Program.
- Build awareness, trust, support and confidence in the quality and safety of advanced water purification and the program with stakeholders.
- Engage the community through involvement in all phases of the program including planning, design, environmental certification, construction and start-up.
- Convey key messages clearly, accurately, coherently and consistently.

RECYCLED WATER CUSTOMERS OF THE YEAR

Marine Corps Air Station Miramar

Marine Corps Air Station (MCAS) Miramar located in San Diego, CA has demonstrated excellence by reducing an enormous amount of potable water consumption through a multifaceted water conservation program. The installation has an internally managed distribution system of reclaimed water (RCW) as a utility service. This RCW is used for irrigation, construction activities, dual plumbed buildings, street sweeping, and soon evaporative cooling through connection to cooling towers. In addition to RCW use, the base implements many best practices to further the reduction of potable water such as a central irrigation control for reliable conservation, installation of thousands of low or no flow water fixtures and raising awareness by providing educational water conservation resources to base personnel.

The base has invested roughly $6M in projects. RCW utility expansion projects have increased the infrastructure 47% for a total over 5 miles of distribution systems. Through the expansion of this RCW system almost all major irrigation sites on the installation have been converted to RCW from potable water and will accommodate future use of RCW. Another project converted all of the wash racks on the base to isolated recirculated water systems. These systems are saving 75% of the water used to wash both vehicles and aircraft at the air station.

In 2017, the base’s water use was 35% RCW and has a goal to be 50% in the future with our investment in the RCW utility. Since 2009, potable water usage on the installation has already decreased over 54%.
RECYCLED WATER STAFF PERSON OF THE YEAR

Elzbieta (Ela) Karczewski, Carlsbad Municipal Water District

Elzbieta (Ela) Karczewski is an unsung hero in the evolution of recycled water use for the Carlsbad Municipal Water District (CMWD). Since 2003, Ela has been on the forefront of converting commercial, HOA, and institutional sites to nonpotable recycled water irrigation, helping save over 4,000 afy of potable water.

Ela is CMWD’s recycled water ambassador, working with customers daily to address site-specific needs and helping them through the retrofit process. She strongly demonstrates CMWD’s organizational values of innovation, excellence, and stewardship. When convincing customers to convert to recycled water was a tough sell, Ela worked diligently to meet CMWD’s strategic vision of a diversified supply source. CMWD currently serves 884 recycled water meters, more than any other district in San Diego County, and Ela personally converted 379 meters, nearly half of them!

She is remarkable in her ability to single-handedly take projects from design, to plan review to cross-connection testing. No matter the conditions or the obstacles, she produces high quality work and finds ways for her retrofits to save water and money. In 2017, she was solely responsible for connecting 55 sites in less than 10 months. For each site, her work involves a site visit, developing plans for DEH review, retrofit monitoring, and final testing and certification.

Were it not for Ela’s dedication, ingenuity and collaborative approach, CMWD would not be able to have built such a strong recycled water program. She is truly worthy of the 2018 California WateReuse Recycled Water Staff Person of the Year award.

Pedro Hernandez, South Bay Water Recycling Program

Pedro Hernandez demonstrates technical skills, creative initiative, and leadership that enable him to leverage his Program contributions for a wider Regional and State impact. Pedro has nearly 10 years experience with Northern California’s largest Recycled Water Program, which has 143 miles of purple pipe, 4 water retailers, and over 850 Commercial customers. His critical program improvements include the creation of a new Enforcement System, complete with field tools, and staff training, and the streamlining of Rules, Regulations and Procedures for Project Permitting and Compliance for the first time in nearly 20 years. Pedro also managed tracking, reporting and reimbursement for over $61M in U S Bureau of Reclamation Grants for the construction of the SBWR System. His training enhancements include the Redesign of quarterly Site Supervisor Training, and specialized customer training for a mandatory Truck Fill program established under regional drought ordinances.

Pedro leverages his skills and experience to make an impact at the Regional and State level as well, including technical support of nearly 100 plan review and customer service projects per year for the Program’s 4 retailers. Through his participation in the County’s RW Sub Committee, Pedro was selected to provide Agency training for the development of high quality Site Supervisor Training, which was attended by over 50 water professionals in Santa Clara County. Pedro is influencing the Statewide conversation as an Elected member of the Norcal WateReuse Board, Chapter Secretary, and member of the Legislative and Regulatory Committee and the Local Program Committees, where he has successfully hosted technical workshops and provided resources for water experts throughout the State.

As Pedro expands his influence into potable water, water conservation, and new technologies for Non-potable water through the San Jose Municipal Water Program, the industry will continue to benefit from his vision, professionalism, and willingness to share his time and expertise with us all.

RECYCLED WATER ADVOCATE OF THE YEAR

Michael Wehner, Orange County Water District

Mike Wehner, Assistant General Manager of the Orange County Water District, clearly embodies the spirit of the 2018 WateReuse Recycled Water Advocate of the Year. Mike has more than 40 years of experience and leadership in recycled water quality and is a true industry pioneer. In the 1980s, he oversaw the regulation of non-potable reuse systems as the Water Quality Program Chief at the Environmental Health Department of the County of Orange, ensuring sensible requirements while protecting local public health. Subsequently, Mike moved to the Orange County Water District where he has led applied research, scientific investigations, water quality monitoring, and regulatory compliance in support of the District’s groundwater management and recycled water programs for the last 27 years. He has been crucial to the success of OCWD’s world-renowned Water Factory 21 and Groundwater Replenishment System projects, as well as the groundbreaking Santa Ana River Water Quality & Health Study.

Mike’s knowledge of potable reuse water quality is unparalleled. He led stakeholder advisory groups organized by the Division of Drinking Water and its predecessors to incrementally update Draft Groundwater Recharge Reuse Project regulations, leading to the adoption of final regulations in 2014. He is a sought after expert, serving on long-term advisory panels for the City of San Diego, LADWP, Monterey One Water, Thames Water in the United Kingdom, and the Singapore PUB. But more importantly, he has set the professional standard for scientific rigor and transparency that have instilled public confidence in potable reuse in Orange County and beyond.
Technical Tour – Monterey Bay Area Water Reuse: Working Together Toward Success (departing from the main entrance of the hotel)

Technical Sessions

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Room</th>
<th>Moderator</th>
<th>Sponsor</th>
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<tbody>
<tr>
<td>11:00 a.m. - 5:00 p.m.</td>
<td><strong>Technical Tour</strong></td>
<td>De Anza Ballroom II</td>
<td>Gayleen Darting, Sacramento Regional County Sanitation District</td>
<td>Snowman, Inc.</td>
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<tr>
<td>12:00 a.m. - 5:30 p.m.</td>
<td><strong>Registration Open</strong></td>
<td>De Anza Foyer</td>
<td>Maryam Albor, Goleta Water District</td>
<td>Pure Water Monterey</td>
</tr>
<tr>
<td>1:00 p.m. - 1:30 p.m.</td>
<td><strong>Technical Sessions</strong></td>
<td>De Anza Ballroom II</td>
<td>Dave MacNevin, Tetra Tech</td>
<td>Trimble, Inc.</td>
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<tr>
<td>1:30 p.m. - 2:00 p.m.</td>
<td><strong>The Economics of Building Recycled Water Infrastructure</strong></td>
<td>Portola</td>
<td>Sandy Scott-Roberts, Orange County Water District</td>
<td>AE Systems, Inc.</td>
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<tr>
<td>2:00 p.m. - 2:30 p.m.</td>
<td><strong>Strategies for Optimizing Return-On-Investment for Industrial Water Reuse</strong></td>
<td>Bonsai Ballroom</td>
<td>Greg Boruff, Tetra Tech</td>
<td>AECOM</td>
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<tr>
<td>2:30 p.m. - 3:00 p.m.</td>
<td><strong>TBL Tool for Process Level Comparisons of Supplies: Case Studies &amp; Sensitivities</strong></td>
<td>De Anza Foyer</td>
<td>John Kenny, Trussell Technologies, Inc.</td>
<td>AECOM</td>
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<tr>
<td>3:00 p.m. - 3:30 p.m.</td>
<td><strong>Networking Break</strong></td>
<td>De Anza Foyer</td>
<td>Shawn Peach, Tetra Tech</td>
<td>AECOM</td>
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<tr>
<td>3:00 p.m. - 3:30 p.m.</td>
<td><strong>Poster Sessions</strong></td>
<td>De Anza Foyer</td>
<td>John Kenny, Trussell Technologies, Inc.</td>
<td>AECOM</td>
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<td>3:30 p.m. - 4:00 p.m.</td>
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<td>4:00 p.m. - 4:30 p.m.</td>
<td><strong>Strategies for Optimizing Return-On-Investment for Industrial Water Reuse</strong></td>
<td>Portola</td>
<td>Dave MacNevin, Tetra Tech</td>
<td>Trimble, Inc.</td>
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<tr>
<td>4:30 p.m. - 5:00 p.m.</td>
<td><strong>Adapting to Change - Declining Flows and Utility Systems</strong></td>
<td>Bonsai Ballroom</td>
<td>John Kenny, Trussell Technologies, Inc.</td>
<td>AECOM</td>
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<tr>
<td>5:00 p.m. - 6:30 p.m.</td>
<td><strong>Welcome Reception and the Pure Water Monterey Craft Beer Throwdown</strong></td>
<td>De Anza Foyer</td>
<td>Shawn Peach, Tetra Tech</td>
<td>AECOM</td>
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**Welcome Reception and the Pure Water Monterey Craft Beer Throwdown**

SPONSORED BY: Water Systems Consulting, Inc.
Monday, March 26, 2018

7:30 a.m. - 3:30 p.m. 
Registration Open – De Anza Foyer

7:30 a.m. - 3:30 p.m. 
Exhibit Hall Open – De Anza Foyer

7:30 a.m. - 8:30 a.m. 
Continental Breakfast – De Anza Foyer

SPONSORED BY: Dudek

8:30 a.m. - 9:30 a.m. 
Opening Session – De Anza Ballroom II & III

SPONSORED BY: CH2M, now Jacobs

E. JOAQUIN ESQUIVEL
State Water Resources Control Board

9:30 a.m. - 10:00 a.m. 
Networking Break – De Anza Foyer

SPONSORED BY: TrojanUV

9:30 a.m. - 10:00 a.m. 
Poster Sessions – De Anza Foyer

SPONSORED BY: HDR Woodard & Curran

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<td>Room</td>
<td>De Anza Ballroom I</td>
<td>Portola</td>
<td>Bonsai Ballroom</td>
<td>Redwood</td>
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<tr>
<td>Moderator</td>
<td>Eric Rosenblum, Envirospectives, Inc.</td>
<td>Ben Fine, City of Pismo Beach</td>
<td>Jonathan Loveland, Black &amp; Veatch</td>
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<tr>
<td>10:00 a.m. - 10:30 a.m.</td>
<td>The panel will discuss issues and case studies related to the safety of potable and nonpotable water reuse and public perceptions of health risks. Panelists will include public health practitioners, a physician active in the local medical association and a water reuse professional involved in public outreach. Mark Starr, DVM, MPVM, California Department of Public Health</td>
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<td>10:30 a.m. - 11:00 a.m.</td>
<td>One Water LA: Big and Bold Water Reuse Planning to Make LA.a More Resilient City Lenise Marrero, City of Los Angeles, Bureau of Sanitation Inge Wiersema, Carollo Engineers</td>
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<td>11:00 a.m. - 11:30 a.m.</td>
<td>Innovative Approach to Maximize Stormwater, Groundwater and Wastewater Reuse Emi Fujii, Stantec</td>
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Monday, March 26, 2018 (continued)

11:30 a.m. - 12:00 p.m. 
Panel Continued: 
Brian Bernados, State Water Resources Control Board
John Ricker, County of Santa Cruz – Health Services Agency – Environmental Health
Stefani McGregor, The Water Research Foundation

From Channel to Tap - Stormwater as a Source for Reuse
Lisa Skutecki, Brown and Caldwell Water and Power

The Bridge Between IPR and DPR: Tujunga Spreading Grounds
Yoshiko Tsunehara, Los Angeles Department of Water and Power

Blending Desalinated Seawater into Existing Supplies: Chloramines & Nitrification
Brent Alsipach, Arcadis

12:00 p.m. - 1:30 p.m. 
Awards Luncheon – De Anza Ballroom II & III

SPONSORED BY: Wallace Group

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<td>Moderator</td>
<td>Steve Thomas, TBC Communications</td>
<td>Scott Lynch, Black &amp; Veatch</td>
<td>Robin Nezhad, Tetra Tech</td>
<td>Bob Holden, Monterey One Water</td>
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<td>1:30 p.m. - 2:00 p.m.</td>
<td>Join a diverse panel of experts as they discuss the successes and setbacks encountered during the planning, approval and construction of the Pure Water Monterey project. This lively and informative session will explore the winding road to approval from the engineering, environmental, financial, legislative and public outreach perspectives. Paul Chau, Kennedy/Jenks Consultants</td>
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<td>2:00 p.m. - 2:30 p.m.</td>
<td>Innovate GIS-Based Cost Analysis Solves Complex NMR Market Assessment</td>
<td>Pohetahs and Reuse: The City of San Diego’s North City WRP Pathogen Study</td>
<td>Shane Russell and Mitchel Bartolo, Russell Technologies, Inc.</td>
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<td>2:30 p.m. - 3:00 p.m.</td>
<td>Bridging the Air Gap: A Direct Connection between Potable and ATDW Systems in LA</td>
<td>End in Sight: Lessons Learned from WRD’s $110M AWTF Alternative Delivery Project</td>
<td>Ken Ortega, Water Replenishment District of Southern California</td>
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<tr>
<td>3:00 p.m. - 3:30 p.m.</td>
<td>Water Augmentation: From Channel to Tap</td>
<td>How Much is Enough? Evaluating Treatment Redundancy in DPR</td>
<td>Brian Pecson, Trussell Technologies, Inc.</td>
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<tr>
<td>3:00 p.m. - 3:30 p.m.</td>
<td>Paul Sciuto, Monterey One Water</td>
<td>Cooling Their Jets - Piloting Recycled Water for Cooling Towers at Northrop Grumman Aerospace Systems</td>
<td>Elise Goldman, West Basin Municipal Water District</td>
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<td>Gary Petersen, Salinas Valley Groundwater Sustainability Agency</td>
<td>How Much is Enough? Evaluating Treatment Redundancy in DPR</td>
<td>Travis Long, Aqua-Serve Engineers</td>
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<td>David Chardavoyne, Monterey County Water Resources Agency</td>
<td>Brian Pecson, Trussell Technologies, Inc.</td>
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<td>Travis Long, Aqua-Serve Engineers</td>
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Networking Break – De Anza Foyer

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| Monday, March 26, 2018 (continued) | **Poster Sessions – De Anza Foyer** | 3:00 p.m. - 3:30 p.m.  
**Technical Sessions**  
| **AS**: Panel Discussion – Transitioning to Potable Reuse | Sponsored By | HDR  
Woodard & Curran  
Room | De Anza Ballroom I  
Moderator | Tom Richardson, Woodard & Curran  
| **BS**: Agricultural Reuse and Recharge | Woodard & Curran  
Brian Lockwood, Pajaro Valley Water Management Agency  
Andrew Salveson, Carollo Engineers  
Rhodora Biagtan, Dublin San Ramon Services District  
| **CS**: MBR for Potable Reuse | 4:30 p.m.  
Tom Richardson, Woodard & Curran  
| **DS**: Gaining and Maintaining Customers – Part 2 | 3:30 p.m.  
Poster Sessions  
| 7:30 p.m.  
Room | De Anza Ballroom I  
| **Moderator** | Tom Richardson, Woodard & Curran  
| **3:30 p.m. - 4:00 p.m.** | Several agencies in California are contemplating the addition of potable reuse to their existing water supply portfolio, which already includes non-potable reuse. A panel of water agency executives will share experiences and perspectives on the evolution of water recycling at their agency from non-potable to a combined non-potable/potable reuse setting. |  
Norma Camacho, Santa Clara Valley Water District  
John Helminski, City of San Diego Public Utilities Department  
Mike Markus, Orange County Water District  
Karin North, City of Palo Alto  
Dave Pedersen, Las Virgenes Municipal Water District  
Bill Van Wagoner, Los Angeles Department of Water and Power  
| **4:00 p.m. - 4:30 p.m.** | Groundwater Replenishment with Recycled Water on Agricultural Lands (WRRF-16-03) |  
Robert Morrow, Woodard & Curran  
| **4:30 p.m. - 5:00 p.m.** | Overcoming Technical and Regulatory Barriers for Application of Recycled Water |  
Mohsen Mehran, Rubicon Engineering Corporation  
| **5:30 p.m. - 7:30 p.m.** | President’s Reception at the Monterey Beach House |  
SPONSORED BY: American Water Chemicals, Inc.  

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| Tuesday, March 27, 2018 | **Registration Open – De Anza Foyer** | 8:00 a.m. - 12:00 p.m.  
**Technical Sessions**  
| **A6**: Panel Discussion – Advances in Potable Reuse Regulations | Sponsored By | Xylem, Inc.  
WateReuse California  
| **B6**: Local and California Outreach | Portola  
| **C6**: Alternative Treatment Trains | Carollo Engineers  
Room | De Anza Ballroom I  
| **Moderator** | Jennifer West, WateReuse California  
| **10:30 a.m. - 11:00 a.m.** | Status of California Water Board Investigation of Direct Potable Research Issues |  
Julie Minton, The Water Environment Research Foundation  
Brian Bernados, State Water Resources Control Board  
| **11:00 a.m. - 12:00 p.m.** | Evaluation of Microbiological Risks Associated with Direct Potable Reuse |  
Jeff Soller, Soller Environmental  
| **12:00 p.m. - 2:30 p.m.** | Exhibit Hall Open – De Anza Foyer |  
**Networking Break – De Anza Foyer**  
SPONSORED BY: Stantec  
**2:30 p.m. - 4:30 p.m.** | Gordon Cologne Breakfast, Annual Membership Meeting and WaterReuse Family Feud |  
Gordon Cologne Breakfast, Annual Membership Meeting  
De Anza Ballroom II & III  
SPONSORED BY: Water Replenishment District of Southern California  
**4:30 p.m. - 5:30 p.m.** | Successfully Navigating the Regulatory Roadmap |  
Karin North, City of Santa Clara Water District  
Bill Van Wagoner, Los Angeles Department of Water and Power  
| **6:00 p.m. - 7:30 p.m.** | President’s Reception at the Monterey Beach House |  
SPONSORED BY: American Water Chemicals, Inc.  

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Tuesday, March 27, 2018 (continued)

POSTER PRESENTATIONS

Comparing the Long Term Performance of Soil Aquifer Treatment Using Soil Columns
Bryan Trussell, Shane Trussell, Yan Qu, Fred Gerringer, Sangam Stanczak, Teresa Venezia, Israel Monroy, and Rhodes Trussell (Trussell Tech), Fernanda Bacara (UNLV), Yoshiko Tsunehara (LADWP)

Energy Impacts of Shifting to Advanced Water Treatment for Direct Potable Reuse: Los Angeles, CA
Nicholas Chow, UCLA Luskin Center for Innovation

Expanding Capacity by Re-rating the NCWRP Tertiary Filters from 5 to 7.5 gpm/sf
John Kenny and Samantha Bear, Trussell Technologies, Inc.

Integrated WasteWATER Systems from the Perspective of Reverse Logistics Network
Nader Rezaei and Qiong Zhang, University of South Florida

Removal of Trace Organic Contaminants using non-FAT Technologies
Meric Selbes, Troy Walker (1), Erik Rosenfeldt (1), Ben Stanford (2), Eric Dickenson (3), Eric Wert (3), Mandu Inyang (3) - Hazen and Sawyer

Wastewater Effluent of Coastal California as a Resource of Water Reuse and Desal
Andrea Achilli, University of Arizona

Water Quality Dynamics throughout a Reclaimed Water Distribution System
Lonnie Chung, California State Polytechnic University Pomona
THANK YOU 2018 PLANNING COMMITTEE

Julia Aranda
Lauren Armistead, City of Ventura
Andrea Bauer, Wallace Group
Shinehah Bigham, Pajaro Valley Water Management Agency
Mychal Boerman, City of San Luis Obispo
Jasmine Diaz, Water Systems Consulting, Inc.
Adam Donald, Water Systems Consulting, Inc.
Gina Dorrington, City of Ventura
Kraig Erickson, Woodard & Curran
Ben Fine, City of Pismo Beach
Amanda Garza, Cannon Corporation
Brad Hagemann, Hagemann & Associates
Daniel Heimel, Water System Consulting, Inc.
David Hix, City of San Luis Obispo
Shannon Jessica, Wallace Group
Madeline Kacsinta, City of Pismo Beach
Brian Lockwood, Pajaro Valley Water Management Agency
Rob Morrow, Woodard & Curran
Melanie Mow Schumacher, Soquel Creek Water District
Ron Munds, City of San Luis Obispo
Mike Niccum, Pebble Beach Community Services District
Rebecca Nissley, Water Systems Consulting, Inc.
Nick Panofsky, MNS Engineers, Inc.
John Robinson, John Robinson Consulting, Inc.
Alyssa Smith, CH2M
Brittani Smith, Water Systems Consulting, Inc.
Jeffery Szytel, Water Systems Consulting, Inc.
Dawn Taffler, Kennedy/Jenks Consultants
Steve Thomas, TBC Communications & Media

UPCOMING EVENTS

September 9-12, 2018
33rd Annual WateReuse Symposium
JW Marriott Austin  Austin, TX

March 17-19, 2019
2019 WateReuse California Annual Conference
Hyatt Regency Orange County  Garden Grove, CA

September 8-11, 2019
34th Annual WateReuse Symposium
Marriott Marquis San Diego Marina  San Diego, CA

March 15-17, 2020
2020 WateReuse California Annual Conference
Hyatt Regency San Francisco  San Francisco, CA

March 21-23, 2021
2021 WateReuse California Annual Conference
Hyatt Regency Indian Wells  Indian Wells, CA