

PALMDALE RECYCLED WATER AUTHORITY (PRWA)
HELD AT CITY OF PALMDALE
CITY HALL COUNCIL CHAMBERS
38300 SIERRA HIGHWAY, SUITE B
PALMDALE, CALIFORNIA
REGULAR MEETING AGENDA NO. 30
JANUARY 18, 2017
7:00 P.M.
www.cityofpalmdale.org
www.palmdalewater.org

WELCOME

NOTE: Materials related to an item on this Agenda submitted to the Palmdale Recycled Water Authority Board of Directors, or after distribution of the agenda packet, are available for public inspection at the City of Palmdale City Hall, located at 38300 Sierra Highway, Suite A, Palmdale, California, and at the Palmdale Water District, 2029 East Avenue Q, Palmdale, California during normal business hours and will also be available at the meeting. Those items provided by others at the meeting will be available at City Hall during normal business hours.

A **three-minute time limit** will be imposed on all speakers other than staff members.

In accordance with the Americans with Disabilities Act of 1990, if you require a disability-related modification or accommodation to attend or participate in this meeting, including auxiliary aids or services, please call the Palmdale Water District at least 48 hours prior to the meeting.

Your courtesy is requested to help our meeting run smoothly. If you'll be kind enough to follow these simple rules, we can make the best possible use of your time and ours:

- Please refrain from public displays or outbursts such as unsolicited applause, comments, cheering, foul language, or obscenities.
- Any disruptive activities that substantially interfere with the ability of the Board of Directors to carry out its meeting will not be permitted and offenders will be requested to leave the meeting.
- Please turn off or mute your cell phones and mobile devices.

1. CALL TO ORDER.

2. **PLEDGE OF ALLEGIANCE.**

3. **ROLL CALL: DIRECTORS VACANT, KATHY MAC LAREN, ROBERT ALVARADO, VACANT, AND HELEN VELADOR**

4. **APPOINTMENT:**

- 4.1 Approve the appointment of Helen Velador as Public Member Director for a one-year renewable term to expire in January of 2018. (Staff Reference: Executive Director LaMoreaux)

There will be an Oral Report for this item.

Call for Public Comments

Staff Recommendation: Move to appoint _____ as the Public Member Director. (Voice Vote- Requires a majority to appoint.)

5. **ADMINISTRATION OF OATH OF OFFICE.** – (Staff Reference: Authority Secretary Smith).

6. **CONSENT CALENDAR – PUBLIC COMMENTS ONLY:** If you wish to comment on any item(s) listed on the Consent Calendar on this agenda, please come forward to the podium and state the item number(s) and your comments. **PLEASE NOTE: A three-minute time limit** will be imposed on each speaker other than staff members.

7. **CONSENT CALENDAR:**

NOTICE: All matters listed under the Consent Calendar will be enacted by one motion unless an item(s) is pulled by the Board, in which case the item(s) will be removed from the Calendar and will be considered separately following this portion of the Agenda.

- 7.1 Approve the Minutes from the previous meeting held on December 21, 2016. (Staff Reference: Secretary Smith)

- 7.2 Approve receipt and filing of the Treasurer's Report for the three months ending December 31, 2016. (Staff Reference: Treasurer-Auditor Williams)

Staff Recommendation: Move to approve the recommendations and findings on all items listed under this Consent Calendar. (Voice Vote - Requires a majority to approve.)

8. ACTION CALENDAR:

- 8.1 Election of Chair and Vice Chair pursuant to Article 4.10 of the Joint Exercise of Powers Agreement for a one-year term to expire in January of 2018. (Staff Reference: Executive Director LaMoreaux)

There will be an Oral Report for this item.

Call for Public Comments

Staff Recommendation: Move to appoint _____ as Chair and _____ as Vice Chair. (Voice Vote- Requires a majority to adopt.)

- 8.2 Consideration to allow the Public Member Director to attend the 2017 WateReuse California Annual Conference on March 19 - 21, 2017 in San Diego. (Staff Reference: Executive Director LaMoreaux)

Call for Public Comments

Staff Recommendation: Move to approve the Public Member Director to attend the 2017 WateReuse California Annual Conference in San Diego. (Voice Vote - Requires a majority to approve.)

- 9. NON-AGENDA ITEMS - PUBLIC COMMENTS:** This portion of the Agenda allows an individual the opportunity to address the Board of Directors on any subject regarding Palmdale Recycled Water Authority business. Under state legislation, no action can be taken on items not specifically referenced on the Agenda. **PLEASE NOTE: A three-minute time limit** will be imposed on each speaker other than staff members.

10. DIRECTOR REQUESTS FOR NEW AGENDA ITEMS:

- 11. INFORMATIONAL REPORT OF THE BOARD OF DIRECTORS, EXECUTIVE DIRECTOR, AND ASSISTANT EXECUTIVE DIRECTOR.**

12. **ADJOURNMENT** to February 15, 2017 at 7:00 p.m. at the City of Palmdale City Hall Council Chambers located at 38300 Sierra Highway, Suite B, Palmdale, California.
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Complete packets can be viewed at City Hall, located at 38300 Sierra Highway, Suite A, Palmdale, California; Palmdale Water District, 2029 East Avenue Q, Palmdale, California, and the Main Library, located at 700 East Palmdale Boulevard, Palmdale, California. You can also view the Agenda for the Palmdale Recycled Water Authority on the City's website at www.cityofpalmdale.org or the Palmdale Water District website at www.palmdalewater.org.

Thank you for attending your Palmdale Recycled Water Authority meeting. If you have any further questions, please contact the Secretary's Office at (661) 267-5151, Monday through Thursday, 7:30 a.m. to 6:00 p.m., closed every Friday.

ORAL REPORT

PALMDALE RECYCLED WATER AUTHORITY

BOARD MEMORANDUM

DATE: January 10, 2017
TO: BOARD OF DIRECTORS
FROM: Michael Williams, Treasurer-Auditor, PRWA
VIA: Mr. Dennis LaMoreaux, Executive Director, PRWA

January 18, 2017
Board Meeting

RE: AGENDA ITEM NO 7.2 – TREASURER’S REPORT FOR DECEMBER 31, 2016

Recommendation:

Palmdale Recycled Water Authority (PRWA) staff recommends the Board of Directors to receive and file the Treasurer’s Report for the three months ending December 31, 2016.

Background:

To comply with provisions required by Section 4.13 of the Joint Powers of Authority Agreement and responsibilities of Treasurer, a Financial Report is prepared and submitted to the Board of Directors who certifies the availability of funds for the reports presented. These reports are hereby submitted to the Board of Directors for ratification.

Financial Impact:

As of December 31, 2016 the PRWA has \$711,817.04 cash in the bank. PRWA received \$4,880.84 in receivables, and paid invoices totaling \$3,524.16.

Supporting Documents:

Treasurer’s Report for month ending December 31, 2016

Palmdale Recycled Water Authority
Treasurer's Report
Month Ended December 31, 2016

Cash/Funds Available and held at Bank of America:	
Bank Balance, beginning December 1, 2016	716,062.00
Less: Expenses Paid	(3,524.16)
Add: Deposits Made	4,880.84
Add: Interest Earned	-
	-
Bank Balance, ending December 31, 2016	717,418.68
Less: Accounts Payable	-
Less: Accrued Purchases	479.09
Less: Deposits - Customer	(10,500.00)
Add: Accounts Receivable (Related to Refund Checks in Process)	4,419.27
Adjusted Bank Balance, ending December 31, 2016	711,817.04

Outstanding Expenses (Prior Month(s)):

December Expenses:

DBI Services, Deposit Refund	1,500.00
Jeff Cravens, Deposit Refund	1,331.54
Helen Velador, Director's Pay	692.62
Total Expenses	3,524.16

ORAL REPORT



CALIFORNIA ANNUAL CONFERENCE

RECYCLED WATER... FROM EVOLUTION TO REVOLUTION

March 19 - 21, 2017

Westin San Diego Hotel
San Diego, CA

2017 WateReuse California Annual Conference

**March 19-21, 2017
Westin San Diego
San Diego, California**

The WateReuse California Annual Conference is the largest state-wide conference presenting what's new and what's next in recycled water policy, operations, technology and public perception.

The conference is designed for individuals, organizations, and agencies that are associated with or interested in the design, management, operation, and use of water recycling facilities and projects in California. The conference will feature more than 60 technical presentations, poster presentations, technical tours, receptions, an awards luncheon, the annual Gordon Cologne Breakfast, and the ever popular exhibition component.

WateReuse is internationally-recognized as a thought-leader on alternative water supply development. It is the go-to organization for applied research, policy guidance and educational tools on water reuse as well as the principle influencer of public opinion, lawmakers and policymakers on policy and projects related to water reuse.

Sunday, March 19, 2017

12:00 p.m. – 5:30 p.m.	Registration Open		
1:00 p.m. – 5:00 p.m.	Technical Tour: Pure Water San Diego and Claude “Bud” Lewis Carlsbad Desalination Plant (<i>additional fees apply</i>)		
Technical Sessions	A1: IPR Planning	B1: Ozone/BAC	C1: Industrial/Commercial/ Institutional
3:00 p.m. – 3:30 p.m.	Maximizing Every Drop - Balancing NPR Demands with the Need IPR in Oceanside <i>Scott Goldman, RMC Water and Environment</i>	O3 Squared - Ozone- Biofiltration-Ozone-UV in Melbourne <i>Nick Burns, Black & Veatch</i>	Full Scale Reclamation of Hospital Wastewater at a Danish University Hospital <i>Ulf Nielsen, DHI</i>
3:30 p.m. – 4:00 p.m.	Goldilocks - A Potable Reuse Solution That's Just Right... the Story Continues <i>Christina Casler, Carollo Engineers</i>	Real-time Control of Ozone-Enhanced Biologically Active Filtration for Reuse <i>Tony Zhang, Xylem</i>	California's First Fully Dual-Plumbed Hotel <i>Gabriel Vargas, Irvine Ranch Water District</i>
4:00 p.m. – 4:30 p.m.	Water Independence Now - The Road to Locally Sustainable Water Resources <i>Robb Whitaker, The Water Replenishment District of Southern California</i>	Optimization of Ozone- BAC Processes for Potable Reuse Applications <i>Vijay Sundaram, Stantec</i>	Technical and Programmatic Considerations for Cooling Tower Reuse <i>Mallika Ramanathan, Brown and Caldwell</i>
4:30 p.m. – 5:00 p.m.	Working Together to Increase in Reuse in Santa Clarita Valley <i>Dawn Taffler, Kennedy/Jenks Consultants</i>	The Rise of Ozone BAF for Potable Reuse in California and Beyond <i>Melanie Holmer, MWH, now a part of Stantec</i>	EMWD's Accelerated Retrofit Program, Keeping Community Recreation in a Drought <i>John Wuerth, Eastern Municipal Water District</i>
5:00 p.m. – 6:30 p.m.	Welcome Reception		

Monday, March 20, 2017

7:30 a.m. – 3:30 p.m.	Registration Open		
7:30 a.m. – 3:30 p.m.	Exhibit Hall Open		
7:30 a.m. – 8:30 a.m.	Continental Breakfast		
8:30 a.m. – 9:30 a.m.	Opening Session		
9:30 a.m. – 10:00 a.m.	Networking Break		
9:30 a.m. – 10:0 a.m.	Poster Sessions		
Technical Sessions	A2: Treatment Innovation	B2: Panel Discussion: San Diego's Pure Water Program	C2: Lessons Learned
10:00 a.m. – 10:30 a.m.	Custom Engineered Microfiltration System at West Basin's Carson Recycling Plant Nathan Boyle, Hazen and Sawyer	This panel will cover the topics of recycled water planning, regulatory issues, and environmental benefits of the Pure Water San Diego Program. Additionally, it will highlight key challenges of the program, and how the program team has addressed them to maintain project viability and program schedule.	Groundwater Replenishment System Final Expansion Challenges Sandy Scott-Roberts, Orange County Water District
10:30 a.m. – 11:00 a.m.	Online Detection & Removal of Colloidal Particles to Improve Membrane Efficiency Jana Safarik, Orange County Water District		Carlsbad – Seawater Desalination Plant – One Year of Operation David Moxey, IDE Americas
11:00 a.m. – 11:30 a.m.	Evaluation of the Cloth Media Depth Filter at Rates up to 21 gpm/ft2 Onder Caliskaner, Kennedy/Jenks Consultants		The Unexpected Consequences of the Drought on Water Reuse Facilities Linda Sawyer, Brown and Caldwell
11:30 a.m. – 12:00 p.m.	Natural Attenuation of N-Nitrosodimethylamine (NDMA) Precursors in a De Facto Po Gwen Woods-Chabane, HDR		Chloride in Recycled Water for of Napa Wine Grapes: Identification of Solutions Andrew Damron, Napa Sanitation District
12:00 p.m. – 1:30 p.m.	Awards Luncheon and Annual Membership Meeting		

Technical Sessions	A3: LRVs	B3: San Diego Surface Water Augmentation	C3: Data Management and Analysis
1:30 p.m. – 2:00 p.m.	LRV Credit using Fluorescence Based, Real Time Membrane Integrity Monitoring <i>Jason Fues, Nalco Water</i>	The Benefits of Reservoirs for Protecting Public Health in Potable Reuse <i>Brian Pecson, Trussell Technologies</i>	Finding the Right Balance: Diversification of NPR and IPR at Eastern MWD <i>David Ahles, Eastern Municipal Water District</i>
2:00 p.m. – 2:30 p.m.	Proposed Methodology for determining RO Unit Integrity for Pathogen Removal <i>James Vickers, Separation Processes, Inc.</i>	Evaluation of Surface Water Augmentation at Lake Jennings <i>Seval Sen, Padre Dam Municipal Water District</i>	Recharge City <i>Barry Lehrman, Cal Poly Ponoma</i>
2:30 p.m. – 3:00 p.m.	Achieving Maximum Pathogen Removal Credit for UF and RO in Potable reuse Schemes – Full-Scale Experience at the Beenyup Advanced Water Recycling Facility <i>Jim Lozier, CH2M</i>	Escondido's Reuse Program for Agriculture and IPR via Surface Water Augmentation <i>Jim Rasmus, Black & Veatch</i>	Dynamic Data Analysis for AWT Facilities with Off- the-Shelf Software <i>Jocelyn Lu, Brown and Caldwell</i>
3:00 p.m. – 3:30 p.m.	Networking Break		
3:00 p.m. – 3:30 p.m.	Poster Sessions		
Technical Sessions	A4: Today's MBRs	B4: Regulatory Regatta	C4: Economics
3:30 p.m. – 4:00 p.m.	Meeting Today's Industrial Water Demands and Tomorrow's Challenges –Tertiary MBR <i>Bryce Danker, Hazen and Sawyer</i>	Engaging in Discussions Regarding Updates to the Recycled Water Policy <i>Laura McLellan, State Water Resources Control Board</i>	Economic Benefits of Water Reuse and the Impact of Drought <i>Justin Mattingly, Water Environment & Reuse Foundation</i>
4:00 p.m. – 4:30 p.m.	Case Studies to Advance Knowledge of Ceramic MBR Technology for Water Reuse <i>James DeCarolis, Black & Veatch</i>	Direct Potable Reuse Expert Panel on Developing Criteria for Reliability <i>Brian Bernados, State Water Resources Control Board</i>	The Dollars and Cents of a Recycled Water Program Alternatives Analysis <i>Monique Day, West Yost Associates</i>
4:30 p.m. – 5:00 p.m.	MBRs for Potable Water Reuse - Proving Pathogen Removal Performance	The SWRCB and DWR 2015 California Recycled Water Survey Result	The Economics of Desalination and Reuse – How to achieve "Water Grid Parity"

	Nicola Fontaine, Carollo Engineers	Tonianne Pezzetti, California Department of Water Resources	Udi Tirosh, IDE Technologies
6:00 p.m. – 9:00 p.m.	Networking Dinner and Reception at the House of Blues		
Tuesday, March 21, 2017			
8:00 a.m. – 12:00 p.m.	Registration Open		
8:00 a.m. – 9:30 a.m.	Gordon Cologne Breakfast		
9:30 a.m. – 2:30 p.m.	Exhibit Hall Open		
9:30 a.m. – 10:00 a.m.	Networking Break		
9:30 a.m. – 10:00 a.m.	Poster Sessions		
Technical Sessions	A5: Design Stories from South to North	B5: Stormwater and Agriculture	C5: Public Outreach
10:00 a.m. – 10:30 a.m.	Expanding Reuse for City of Carlsbad Evelyn Chang, CDM Smith	Keep San Clemente Green & Clean: Impact of Integrating Urban Runoff into WRP Nathan Chase, RMC Water and Environment	It Takes a Village: Ensuring Success in Advancing Water Reuse Program Halla Razak, City of San Diego
10:30 a.m. – 11:00 a.m.	"Fit for Purpose" Potable Reuse Treatment Strategies for the City of Los Angeles Roshanak Aflaki, City of Los Angeles Public Works, Bureau of Sanitation	Non-Potable Reuse and Stormwater Ordinance Synergy: San Francisco's Approach Eric Zickler, Lotus Water	Sometimes Backwards is Better - A New Twist on Public Outreach for Potable Reuse Steve Thomas, Pure Water Monterey
11:00 a.m. – 11:30 a.m.	Pure Water Monterey: Successful Fast-Track Design of Northern California's First Todd Reynolds, Kennedy/Jenks Consultants	Recycled Water Storage and Runoff Study Kevin Booker, Sonoma County Water Agency	Survey Says? Californians Ready for Potable Reuse Abigail Antolovich, Xylem
11:30 a.m. – 12:00 p.m.	Potable Reuse Demo Testing at Silicon Valley Advanced Water Purification Center Hossein Ashktorab, Santa Clara Valley Water District	State of Agricultural Reuse of Recycled Water-- Impediments and Incentives Bahman Sheikh, Water Reuse Consulting	No Gaps: Using an Integrated Team Approach for Project Success Karen Snyder, Katz & Associates

12:00 p.m. – 2:00 p.m.	Town Hall Plenary Session and Luncheon		
2:00 p.m. – 2:30 p.m.	Networking Break		
2:00 p.m. – 2:30 p.m.	Poster Sessions		
Technical Sessions	A6: Soil Aquifer Treatment	B6: Operational Issues	C6: Disinfection Solutions
2:30 p.m. – 3:00 p.m.	FODTS as a Tool for Measuring Recharge Rate in a Potable Reuse Spreading Basin <i>Christine Pham, Orange County Water District</i>	Performing Pipe Loop Pilot Studies: Assessing and Integrating New Water Supplies <i>Jonathan Loveland, Black & Veatch</i>	Maximizing Disinfection Infrastructure for both Potable- and Non-potable Reuse <i>Al Lau, Padre Dam Municipal Water District</i>
3:00 p.m. – 3:30 p.m.	Soil Aquifer Treatment & Infiltration Results for the Palmdale Regional GRRP <i>Paul Chau, Kennedy/Jenks Consultants</i>	Water Quality Influences of Desalinated Seawater from the Carlsbad SWRO Plant <i>Brent Alspach, Arcadis</i>	City of Lathrop CTF Phase 2 Expansion and Free Chlorine Disinfection Study <i>Andy Komor, Pacific Advanced Civil Engineering, Inc.</i>
3:30 p.m. – 4:00 p.m.	Soil Column Testing for San Fernando Valley Groundwater Recharge <i>Yoshiko Tsunehara, Los Angeles Department of Water and Power</i>	Orange County's Ground Water Replenishment System Expansion - Operating Results <i>Vasu Veerapaneni, Black & Veatch</i>	The Treatment of RO Permeate for Potable Reuse using UV/Chlorine Advanced Oxidation <i>Keith Bircher, Calgon Carbon UV Technologies</i>

Poster Presentations

Deep Well Placement of Biosolids with Other Waste Water Residuals

Diane Jones, City of Los Angeles

Educating NextGen on Advanced Water Purification

Melissa McChesney, Padre Dam Municipal Water District

New Water Brew - Recycling Water for the Highest Purpose

Abigail Antilovich, Xylem

Pretreatment of WWTP effluents for Reverse Osmosis Reuse consisting of dual biol

Gal Greenberg, IDE Technologies

Salt/Nutrient Challenges in the San Fernando Valley

Anthony Hicke, Upper Los Angeles River Area Watermaster

Technical Tour

Pure Water San Diego and Claude "Bud" Lewis Carlsbad Desalination Plant

Sunday, March 19, 2017

11:00 am – 4:30 pm

Fee: \$55

With little rain and limited local water supplies, the San Diego region imports more than 80% of its fresh water from the Colorado River and Northern California. Rising imported water costs, population growth and the ongoing drought threaten the region's water reliability. Leveraging uniquely collaborative efforts throughout the region to reduce reliance on imported water, innovative solutions are being implemented including expanded recycled water use, potable reuse through surface water augmentation, and ocean desalination. This tour program will explore the challenges facing the San Diego region and highlight the two largest programs that will ultimately produce 135 million gallons per day of local water supply.

Pure Water San Diego Program:

The City of San Diego is moving forward with Pure Water San Diego, a phased, multi-year program that will provide 1/3 of San Diego's water supply locally by 2035. Phase 1 will produce 30 mgd of pure water and Phase 2 will produce an additional 53 mgd for a total of 83 mgd.

Over lunch, tour attendees will view an introductory presentation to learn about San Diego's water supply challenges and how water purification will provide a reliable, sustainable and cost-effective drinking water supply for San Diego. Attendees will then take a guided walking tour through the 1 mgd demonstration Pure Water Facility, where proven technology is used to clean recycled water to produce safe, high-quality drinking water utilizing ozonation, biological activated carbon, membrane filtration, reverse osmosis and advanced oxidation with ultraviolet light.

Tour attendees will see the equipment and resulting purified water up close and have an opportunity to compare samples of purified, tap, bottled and recycled water. Finally, attendees will be offered the opportunity to taste a sample of the purified water produced by the facility.

Claude "Bud" Lewis Carlsbad Desalination Plant:

The Claude "Bud" Lewis Carlsbad Desalination Plant is a 50 million gallon per day (56,000 acre-feet per year (AFY)) seawater desalination plant located adjacent to the Encina Power Station in Carlsbad, California. Desalination has evolved into a desirable water supply alternative by tapping the largest reservoir in the world – the Pacific Ocean. A 30-year Water Purchase Agreement is in place between the San Diego County Water Authority and Poseidon Water for the entire output of the plant. The facility utilizes granular media filtration pre-treatment, microfiltration, reverse osmosis, and post-treatment re-mineralization. The plant has been delivering water to the businesses and residents of San Diego County since December 2015.

2017 WateReuse California Annual Conference

☐ Full Name

First Name as it should appear on your badge

Title

Organization

Address

City

State/Province

Postal/Zip Code

Country

Phone

E-Mail Address

cc: E-Mail Address

ADDITIONAL INFORMATION – *Please check all that apply.*

☐ This is my first California Section Conference

☐ I have the following dietary restrictions: _____

REGISTRATION FEES – *Please circle the appropriate fees that apply.*

	<u>On or Before 1/23/17</u>	<u>Between 1/24/17-3/6/17</u>	<u>Onsite Registration After 3/6/17</u>
<u>Registration Rates</u>			
WateReuse Association Members	\$400	\$450	\$500
NonMembers	\$500	\$550	\$600
Speaker Registration	\$250	\$300	\$350
One Day Rate – Sunday	\$75	\$125	\$175
One Day Rate – Monday	\$250	\$300	\$350
One Day Rate – Tuesday	\$250	\$300	\$350
Full Time Student	\$100		

Technical Tour

Pure Water San Diego and Claude “Bud” Lewis Carlsbad Desalination Plant \$55

Guest Tickets

Guest at Sunday’s Welcome Reception \$25

☐ Guest at Monday’s Awards Luncheon \$25

Guest at Monday’s Networking Dinner \$45

Guest at Tuesday’s Gordon Cologne Breakfast \$20

PAYMENT – Full payment must accompany your advance registration form. Your signature below authorizes WateReuse to charge your credit card the total payment and acknowledges there are no refunds after March 6, 2017.

☐ Check (payable to the WateReuse) ☐ VISA ☐ MasterCard ☐ AMEX

☐ Purchase Order # _____

Card Number	Expiration Date	Security Code
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Billing Address	City	State	Zip
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Print Cardholder Name	Total Due
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Signature	Date
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E-mail, Fax or Mail completed registration forms to:

E-mail

Scan your registration form and e-mail it to ctharpe@watereuse.org

Fax

(703) 548-5085

Faxed registration must be accompanied by full payment.

Mail

WateReuse

1199 North Fairfax Street, Suite 410

Alexandria, VA 22314

Registration includes:

	Member, Speaker & Student Registration	Nonmember Registration	One Day Only Registration
Technical Tours	No	No	No
Technical Sessions	Yes	Yes	Registered Day Only
Exhibit Hall	Yes	Yes	Registered Day Only
Welcome Reception (Sunday)	Yes	Yes	Sunday Only Registrants
Continental Breakfast (Monday)	Yes	Yes	Monday Only Registrants
Awards Luncheon (Monday)	Yes	Yes	Monday Only Registrants
Networking Dinner (Monday)	Yes	Yes	Monday Only Registrants
Gordon Cologne Breakfast (Tuesday)	Yes	Yes	Tuesday Only Registrants
Town Hall Plenary Session and Luncheon (Tuesday)	Yes	Yes	Tuesday Only Registrants

Hotel and Travel Information

The 2017 WateReuse California Annual Conference will be held at the Westin San Diego Hotel in San Diego, California.



The Westin San Diego Hotel
400 West Broadway
San Diego, CA 92101

Room Rate: \$225 per night plus tax

The room rate includes complimentary internet access in guest rooms.

Reservations must be made by February 27, 2017 in order to guarantee the Group Rate of \$225 per night.

Reservations

To make your reservation call 1-888-627-9033

Please refer to the WateReuse California Annual Conference when making reservations to obtain the conference rate.

Transportation

Airport Shuttle Service

The Westin San Diego provides San Diego Airport shuttle service to/from the San Diego International Airport between 6am and 11pm, 7 days a week. Once you have collected your luggage, please contact the hotel at (619) 239-4500 and one of our operators will give you directions to the pick-up area and an estimated time of arrival as to when the driver will be there to pick you up. If you wish to take our shuttle to

the airport, please make arrangements at the luggage desk 24 hours prior to your departure.

Getting around San Diego

Taxis, whether the traditional kind or “pedicabs”, are readily available. The Red Trolley is a public transit system which offers transportation from the Mexican border through downtown and Mission Valley to parts of the East County. The Old Town Trolley offers a stop just outside of the hotel and offers tours throughout San Diego’s Old Town and Coronado Island. See our Concierge for details about times and pricing.

Alternative Transportation Options to Airport

Uber

- Guests who have an active SPG account and an Uber account can now [register](#) to participate in the SPG-Uber Benefits Program which allows you to earn one Starpoint for every U.S. dollar you spend with Uber.

Bus

- 992 Flyer leaves every 15 minutes from bus stop outside of hotel on Broadway (\$2.50/one way)

Santa Fe Depot

- The bus depot is just one block from our hotel, within easy walking distance

Please note: When navigating to the hotel, the best address to use is 1051 Columbia Street, which will place you at the main lobby entrance.

CEUs and 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

Call for Award Nominations

Nominations Due – January 13, 2017

Award Winners Notified – February 13, 2017

The WaterReuse California Section will present Awards of Excellence during the 2017 WaterReuse California Annual Conference to be held March 19-21, 2017 at the Westin San Diego Hotel in San Diego, California. Now is the time to recognize, or be recognized, on a statewide level by the leading WaterReuse organization in California.

All members are eligible to submit nominations for the following awards:

- **Recycled Water Agency of the Year**
Category 1 – Large (beneficial reuse greater than 5,000 AFY)
Category 2 – Medium (beneficial reuse between 1,000 and 5,000 AFY)
Category 3 – Small (beneficial reuse less than 1,000 AFY)
- **Recycled Water Outreach/Education Program of the Year**
- **Recycled Water Advocate of the Year**
- **Recycled Water Customer of the Year**
- **Recycled Water Staff Person of the Year**

Back By Popular Demand....

- **Video Submissions** – are encouraged as part of your supporting text or supplemental documentation. Make your nomination stand out by including a promotional clip, project/agency video, iPhone montage, interview or other videos. Videos can be submitted by including a link to a website, YouTube, or other vehicle that allows for video download. Alternatively, videos can be uploaded to the WaterReuse FTP site at <https://www.hightail.com/u/WaterReuse>
- **Conference App** – we are excited again this year to offer the 2017 WaterReuse California Conference Mobile App. Award winner descriptions, videos and photos will be uploaded to the Mobile App and available for viewing before, during and after the conference
- **Awards Luncheon** – if you are chosen as an award winner, video submissions will be integrated into the Awards Presentation. If you didn't include a video with your original submission, we encourage you to create one after you are notified that you have won. All award winners should submit their final videos by **February 27, 2017** and shall be no more than 1 minute in length.

To Submit an Award Nomination:

1) Combine your [Nomination Form](#) and Supporting Documents into one file and send them as a Word or PDF File to ctharpe@watereuse.org

2) Videos can be included in your nomination packet or uploaded to the WaterReuse FTP site <https://www.hightail.com/u/WaterReuse>

Technical Papers are **NOT** required for speakers at the 2017 WaterReuse California Annual Conference.

Speaker Discount: A Conference registration discounts of \$150 off the member registration rate will be provided for all speakers.

Important Dates

- | | |
|----------------------|------------------------------|
| • September 26, 2016 | Abstracts due |
| • October 31, 2016 | Authors notified |
| • March 6, 2017 | PowerPoint Presentations due |

EXHIBIT OPPORTUNITIES

A booth placed strategically at the 2017 WaterReuse California Annual Conference will put your organization at the center of all the action. WaterReuse recognizes that exhibits are an integral component to the success of the 2017 WaterReuse California Annual Conference. The Exhibit Hall is designed to maximize face-to-face communication between exhibitors and attendees. In addition to posted hours, the following traffic-boosting events will be held in the Exhibit Hall:

Welcome Reception: Sunday, March 19

Continental Breakfast: Monday, March 20

Refreshment Breaks: Sunday, March 19, Monday, March 20 and Tuesday, March 21

EXHIBIT BOOTH FEES:		On or before January 16	After January 16
		Member Rate	Nonmember Rate
	Member Rate	\$1,300	\$1,600
	Nonmember Rate	\$1,800	\$2,100

EXHIBIT BOOTH INCLUDES:

- 8' x 10' Booth Space with a Six-Foot Table, Two Chairs and Carpeting
- Two Complimentary Full Conference Registrations
- Attendee Mailing Address List (pre and post)
- One Wireless Internet Connection
- Company Information Listed on the Conference Website, Mobile App and Onsite Program Book
- Ability to Upload Handouts or Fliers on the Conference Mobile App for Attendees to Download

SET-UP & TEAR-DOWN HOURS:

Set-Up: Sunday, March 19
9:00 a.m. - 2:00 p.m.

Break-Down: Tuesday, March 21
12:00 p.m. - 3:00 p.m.

EXHIBIT HOURS:

The Exhibit Hall is tentatively scheduled to be open during the following hours:

Sunday, March 19: 3:00 p.m. - 6:30 p.m.
Monday, March 20: 7:30 a.m. - 3:30 p.m.
Tuesday, March 21: 9:30 a.m. - 12:00 p.m.

APPLICATION DEADLINE:

Applications for exhibit space at the 2017 WaterReuse California Annual Conference must be received *no later than Monday, February 13, 2017*. All exhibit applications must be accompanied by full payment of exhibit fees. All booths are assigned on a first-come, first-served basis.

CANCELLATIONS:

Cancellation of exhibit space must be made in writing to the WaterReuse office. Refunds will be issued according to the following schedule and will be based upon either the postmark date of the letter, or the date your written cancellation is received by fax at the WaterReuse office. *Cancellations received on or before February 13, 2017 will receive 50% refund, cancellations received after February 13, 2017, will receive no refund.*

EXHIBITOR APPLICATION

EXHIBITOR INFORMATION

The contact information listed here will be included in the onsite program book.

COMPANY

COMPANY CONTACT (LISTED IN THE PROGRAM)

TITLE

ADDRESS

CITY, STATE/PROVINCE, ZIP CODE

PHONE

FAX

E-MAIL

SHOW CONTACT (FOR SHOW LOGISTICS)

PHONE

EMAIL

BOOTH LOCATION REQUEST:

Space will be reserved on a first-come, first-served basis. Indicate below your first, second, and third choice booth locations:

1) _____ 2) _____ 3) _____

EXHIBITING OPTIONS AND RATES:

EXHIBIT BOOTH FEES

	<i>On or before January 16</i>	<i>After January 16</i>
<input type="radio"/> Member Rate	\$1,300	\$1,600
<input type="radio"/> Nonmember Rate	\$1,800	\$2,100

COMPLIMENTARY CONFERENCE REGISTRATION(S)

Based on the type of sponsorship you choose, please complete the information for your complimentary full conference registration(s).

1. NAME TITLE

ADDRESS

CITY, STATE/PROVINCE, ZIP CODE

PHONE

FAX

E-MAIL

2. NAME TITLE

ADDRESS

CITY, STATE/PROVINCE, ZIP CODE

PHONE

FAX

E-MAIL

PAYMENT

Full payment must accompany application.

Payment method

☐ Check ☐ Visa ☐ MasterCard ☐ AMEX

Total Amount to be Charged: \$ _____

CREDIT CARD #

EXPIRATION DATE

SECURITY CODE

CARDHOLDER NAME

BILLING ADDRESS

SIGNATURE

DATE

Please return this form with payment to WateReuse:
1199 North Fairfax St., Suite 410 Alexandria, VA 22314
Fax: (703) 548-5085

SPONSORSHIP OPPORTUNITIES

For even greater visibility at the 2017 WaterReuse California Annual Conference, take advantage of the sponsorship opportunities listed below. Sponsorships put your organization's name in front of influential senior managers and decision makers. These high-profile sponsorships are designed to maximize your marketing efforts at the 2017 WaterReuse California Annual Conference and help your organization gain important visibility among the professionals whose focus is on the development of water reuse and desalination projects.

PLATINUM CONFERENCE SPONSOR: \$5,500

- Complimentary 8' x 10' Exhibit Booth
- Three Complimentary Full Conference Registrations
- Signage Recognition throughout the Conference
- Company Logo on PowerPoint Slides Displayed Prior to all Sessions
- Attendee Mailing Address List (pre and post)
- Company Information Listed on the Conference Website, the Conference Mobile App and the Onsite Program Book
- Ability to Upload Handouts or Fliers on the Conference Mobile App for Attendees to Download

Opportunity to Sponsor One of the Following:

- Conference Mobile App
- Conference Bags
- Badge Holders
- Hotel Key Cards
- Conference Wi-Fi for all Attendees
- Opening Session
- Awards Luncheon
- Monday Networking Dinner at House of Blues
- Gordon Cologne Breakfast
- Town Hall Plenary Session

BRONZE CONFERENCE SPONSOR: \$1,500

- Signage Recognition at the Conference
- Attendee Mailing Address List (pre and post)
- Company Information Listed on the Website and in the Onsite Program Book

GOLD CONFERENCE SPONSOR: \$3,500

- Two Complimentary Full Conference Registrations
- Signage Recognition at the Conference
- Attendee Mailing Address List (pre and post)
- Company Information Listed on the Conference Website, the Conference Mobile App and the Onsite Program Book

Opportunity to Sponsor One of the Following:

- Registration Folders
- Notepads
- Welcome Reception
- Technical Session Sponsor on Monday
- Technical Session Sponsor on Tuesday

SILVER CONFERENCE SPONSOR: \$2,500

- One Complimentary Full Conference Registration
- Signage Recognition at the Conference
- Attendee Mailing Address List (pre and post)
- Company Information Listed on the Website and in the Onsite Program Book

Opportunity to Sponsor One of the Following:

- Technical Tour
- Refreshment Break on Sunday
- Continental Breakfast on Monday
- Refreshment Breaks on Monday
- Refreshment Breaks on Tuesday
- Pens

PURPLE CONFERENCE SPONSOR: \$500

- Signage Recognition at the Conference
- Company Information Listed on the Website and in the Onsite Program Book

APPLICATION DEADLINE:

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CANCELLATIONS:

Cancellation of exhibit space must be made in writing to the WaterReuse office. Refunds will be issued according to the following schedule and will be based upon either the postmark date of the letter, or the date your written cancellation is received by fax at the WaterReuse office. *Cancellations received on or before February 13, 2017 will receive 50% refund, cancellations received after February 13, 2017, will receive no refund.*

SPONSOR APPLICATION

SPONSOR INFORMATION

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COMPANY

COMPANY CONTACT (LISTED IN THE PROGRAM)

TITLE

ADDRESS

CITY, STATE/PROVINCE, ZIP CODE

PHONE

FAX

E-MAIL

SHOW CONTACT (FOR SHOW LOGISTICS)

PHONE

EMAIL

SPONSORSHIP RATES:

☐ PLATINUM CONFERENCE SPONSOR: \$5,500

Booth Location Request:

1) _____ 2) _____ 3) _____

- Conference Mobile App
- Conference Bags
- Badge Holders
- Hotel Key Cards
- Conference Wi-Fi for all Attendees
- Opening Session
- Awards Luncheon
- Monday Networking Dinner at House of Blues
- Gordon Cologne Breakfast
- Town Hall Plenary Session

☐ GOLD CONFERENCE SPONSOR \$3,500

- Registration Folders
- Notepads
- Welcome Reception
- Technical Session Sponsor on Monday
- Technical Session Sponsor on Tuesday

☐ SILVER CONFERENCE SPONSOR \$2,500

- Technical Tour
- Refreshment Break on Sunday
- Continental Breakfast on Monday
- Refreshment Breaks on Monday
- Refreshment Breaks on Tuesday
- Pens

☐ BRONZE CONFERENCE SPONSOR \$1,500

☐ PURPLE CONFERENCE SPONSOR \$500

COMPLIMENTARY CONFERENCE REGISTRATION(S)

Based on the type of sponsorship you choose, please complete the information for your complimentary full conference registration(s).

1. NAME TITLE

ADDRESS

CITY, STATE/PROVINCE, ZIP CODE

PHONE

FAX

E-MAIL

2. NAME TITLE

ADDRESS

CITY, STATE/PROVINCE, ZIP CODE

PHONE

FAX

E-MAIL

3. NAME TITLE

ADDRESS

CITY, STATE/PROVINCE, ZIP CODE

PHONE

FAX

E-MAIL

PAYMENT

Full payment must accompany application.

Payment method

☐ Check ☐ Visa ☐ MasterCard ☐ AMEX

Total Amount to be Charged: \$ _____

CREDIT CARD #

EXPIRATION DATE

SECURITY CODE

CARDHOLDER NAME

BILLING ADDRESS

SIGNATURE

DATE

Please return this form with payment to WasteReuse:
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Fax: (703) 548-5085

Sponsors

Platinum Conference Sponsors

Kennedy/Jenks Consultants
San Diego County Water Authority
The Water Replenishment District of Southern California
Water Systems Consulting, Inc.

Gold Conference Sponsors

Trussell Technologies

Silver Conference Sponsors

West Basin Municipal Water District

Bronze Conference Sponsors

Santa Margarita Water District

Purple Conference Sponsors

HydroScience Engineers, Inc.
Infrastructure Engineering Corporation
John Robinson Consulting, Inc.

Exhibitors

Aqua-Aerobic Systems, Inc - *Booth #25*

DN Tanks – *Booth #2*

Eurofins Eaton Analytical, Inc. – *Booth #4*

Mazzei Injector Company, LLC – *Booth #21*

Water Systems Consulting, Inc. – *Booth #18*



WATERREUSE

CALIFORNIA ANNUAL CONFERENCE



COURTNEY THARPE

Director of Conferences and Events

1199 N. Fairfax Street • Suite 410 • Alexandria, VA 22314
(571) 445-5510 • (703) 548-5085 (Fax)
ctharpe@watereuse.org