PALMDALE RECYCLED WATER AUTHORITY (PRWA)
HELD AT CITY OF PALMDALE
CITY HALL COUNCIL CHAMBERS
38300 SIERRA HIGHWAY, SUITE B
PALMDALE, CALIFORNIA
REGULAR MEETING
OCTOBER 18, 2021
6:00 P.M.
www.cityofpalmdale.org
www.palmdalewater.org.

WELCOME

In accordance with the current guidance from the California Department of Public Health and the County of Los Angeles Department of Public Health, the Council Chamber is open for in-person public comment and seating. Masks are required to be worn by all persons in attendance. It is recommended that all citizens practice social distancing to the extent possible while in attendance. Directors may choose to participate via conference call.

1) VERBAL PUBLIC COMMENT DURING THE MEETING –

ZOOM Number: US: +1 720 707 2699
Webinar ID: 811 8577 4188
Passcode: 096386

Webinar attendee link
https://us06web.zoom.us/j/81185774188?pwd=ZEE2RGR3TmZiNTFaV0YveU1YVG8yQT09

PLEASE NOTE*:* You can view this agenda and related items on our website at *https://palmdalerwa.org/.* You can request a copy of this agenda or attachments, if any, by contacting the City Clerk's Office at 661-267-5151.

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

The safety and well-being of employees and the public remains the City's top priority. The Palmdale Recycled Water Authority appreciates your patience and understanding during these challenging times.

The Palmdale Recycled Water Authority is making every effort to follow the spirit and intent of the Brown Act and other applicable laws regulating the conduct of public meetings in order to maximize transparency and public access.

In accordance with the Americans with Disabilities Act of 1990, if you require a disability-related modification or accommodation to participate in this meeting, please contact the City Clerk's Office at (661) 267-5151 at least 72 hours prior to the meeting.

If you require oral Spanish translation, please contact the City Clerk's Office at (661) 267-5151 at least 72 hours prior to the meeting.

Your courtesy is requested to help our meeting run smoothly. If you will 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 CHAIR VINCENT DINO, DIRECTORS AUSTIN BISHOP, DON WILSON, JUAN CARRILLO, AND ZAKEYA ANSON

4. PUBLIC COMMENTS

This is the time for public participation. If you are attending the meeting by phone, please press *9 to "raise your hand." If attending by personal computer, please click the "raise your hand" button. Press *6 to un-mute yourself, state your name and begin speaking. PLEASE NOTE: A three-minute limit is imposed on each speaker.

5. CONSENT CALENDAR:

5.1 Approve the Minutes from the previous meeting held on June 21, 2021. (Staff Reference: Acting Authority Secretary Faber)

5.2 Approve receipt and filing of the Treasurer's Report for the nine months ending September 30, 2021. (Staff Reference: Treasurer-Auditor Hoffmeyer)

5.3 Approve receipt and filing of the Investment Report for the quarter ending September 30, 2021. (Staff Reference: Treasurer-Auditor Hoffmeyer)

5.4 Adopt Resolution No. PRWA 2021-003, a Resolution of the Board of Directors of the Palmdale Recycled Water Authority designating by title and name those officials who are authorized to sign checks and warrants. (Staff Reference: Treasurer-Auditor Hoffmeyer)

5.5 Adopt Resolution No. PRWA 2021-004, a Resolution of the Board of Directors of the Palmdale Recycled Water Authority updating its investment policy. (Staff Reference: Treasurer-Auditor Hoffmeyer)

5.6 Ratify Director Anson's attendance at the WateReuse Conference held September 19-21, 2021. (Staff Reference: Executive Director LaMoreaux)

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

6. ACTION ITEM:

6.1 Consideration and possible action on Resolution No. PRWA 2021-002, a Resolution of the Board of Directors of the Palmdale Recycled Water Authority authorizing the adoption of the Palmdale Recycled Water Authority 2022 Annual Budget. (Staff Reference: Treasurer-Auditor Hoffmeyer)

Call for Public Comments

Staff Recommendation: Move to Adopt Resolution No. PRWA 2021-002. (**Vote by Roll Call** – requires a majority to adopt and/or approve and per Section 4.9(e) of the Authority's Joint Exercise of Powers Agreement, the affirmative vote of at least one director from each member agency.)

7. PRESENTATIONS:

7.1 Presentation on the Monterey 1 Water Tour (Staff Reference: Scott Rogers, PWD Engineering Manager)

Oral Presentation Only

7.2 Status updated on the advanced water treatment project. (Staff Reference: Scott Rogers, PWD Engineering Manager)

Oral Presentation Only

7.3 Discussion of status of the 2015 PRWA Recycled Water Master Facilities Plan and potentially performing an update of the Plan. (Staff Reference: Dennis LaMoreaux, Executive Director)

Oral Presentation Only

8. DIRECTOR REQUESTS FOR NEW AGENDA ITEMS:

9. INFORMATIONAL REPORT OF THE BOARD OF DIRECTORS, EXECUTIVE DIRECTOR, AND ASSISTANT EXECUTIVE DIRECTOR.

10. ADJOURNMENT to Tuesday, January 18, 2022, at 6:00 p.m. at the City of Palmdale City Hall Council Chambers located at 38300 Sierra Highway, Suite B, Palmdale, California.

Complete packets can be viewed at City Hall, located at 38300 Sierra Highway, Suite A, Palmdale, California; and Palmdale Water District, 2029 East Avenue Q, 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.

PALMDALE RECYCLED WATER AUTHORITY

BOARD MEMORANDUM

DATE:	October 11, 2021	**October 18, 2021**
TO:	BOARD OF DIRECTORS	**Board Meeting**
FROM:	Dennis J. Hoffmeyer, Treasurer-Auditor, PRWA	
VIA:	Mr. Dennis LaMoreaux, Executive Director, PRWA	

RE: AGENDA ITEM NO 5.2 – TREASURER'S REPORT FOR SEPTEMBER 2021

Recommendation:

Palmdale Recycled Water Authority (PRWA) staff recommends the Board of Directors to receive and file the Treasurer's Report for the nine months ending September 30, 2021.

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 September 30, 2021, the PRWA has $2,792,056.50 in cash and investments. PRWA had interest and market adjustment of $85.45, received $25,137.22 in receivables, and there were $52.65 in expenses and fees paid for the month.

Supporting Documents:

Treasurer's Report for month ending September 30, 2021.
Balance Sheet for period ending September 30, 2021.
Income Statement for period ending September 30, 2021.

Palmdale Recycled Water Authority
Treasurer's Report
Month Ended September 30, 2021

Cash/Funds Available and held at Bank of America, Citizens Business Bank, & UBS Financial Svcs:	
Bank Balance, beginning September 1, 2021	2,765,386.48
Less: Expenses Paid	-
Less: Bank Fees Paid (Analysis Fees & Credit Card Processing)	(52.65)
Add: Deposits Made	25,137.22
Add: Interest Earned & Market Adjustment on Investments	85.45
Add: Deposit in Transit	1,500.00
Less: Outstanding Check (Ledger Tie-Out)	-
Bank Balance, ending September 30, 2021	2,792,056.50
Less: Accounts Payable	-
Less: Accrued Purchases	-
Less: Accrued Payroll Taxes	-
Less: Deposits - Customer	(15,000.00)
Add: Accounts Receivable	(7,538.52)
Add: Interest Receivable	-
Adjusted Bank Balance, ending September 30, 2021	2,769,517.98

Outstanding Checks (Prior Month(s)):

September Checks Issued:

Total Checks Issued	-

Palmdale Recycled Water Authority
Balance Sheet
For the Nine Months Ending 9/30/2021

	YTD
ASSETS	
UBS- Investment Funds	$2,242,479
Bank of America - Checking	$40,820
Citizens Business Bank - Checking	$508,757
Prepaid Memberships	
Prepaid Insurance	3,778
Accounts Receivable	
- Water	(7,539)
- Government Agency	
Interest Receivable	
Property, Plant and Equipment, net	1,655,619
Total Assets	**$4,443,915**
LIABILITIES AND FUND BALANCE	
LIABILITIES	
Accounts Payable	
Accrued Expense	
Deposits - Customer	15,000
Total Liabilities	**15,000**
FUND BALANCE	
Unassigned	4,428,915
Total Fund Balance	**4,428,915**
Total Liabilities and Fund Balance	**$4,443,915**

Palmdale Recycled Water Authority
Income Statement - Current and YTD
For the Nine Months Ending 9/30/2021

	September	YTD
REVENUES:		
Contributions - Palmdale Water District		
Contributions - City of Palmdale		
Grant Funds		
Water Sales	21,951.72	99,136.24
Interest Earnings	2,092.99	18,102.16
Market Adjustment on Investments	(2,007.54)	(17,256.76)
Total Revenue	**$22,037.17**	**$99,981.64**
EXPEDITURES:		
General Government		
Public Representive - Payroll Tax Expense (Employer)		22.95
Public Representive - Travel & Meeting		300.00
Banking Fees	52.65	677.30
Provision for Bad Debt		
Insurance	629.58	5,482.70
Memberships		4,102.00
Operating Supplies		120.45
Marketing & Outreach		6,405.00
Travel & Meeting		
Permits & Fees		
Utilities - Purchased Water		3,358.97
Materials &Supplies		
Maint. & Repair - Water System		
	$682.23	$20,469.37
Public Resource		
Contracted Services - Professional Svcs		5,137.50
Contracted Services - Audit		8,500.00
		13,637.50
	$682.23	$34,106.87
Non-Cash Operating Expense		
Depreciation	4,450.59	40,055.31
Non-Operating Revenue		
Capital Contribution		
	($4,450.59)	($40,055.31)
Change in Net Position	**$16,904.35**	**$25,819.46**
Net Position - Beginning of Year		**4,403,095.35**
Net Position - End of Year	**$16,904.35**	**$4,428,914.81**

PALMDALE RECYCLED WATER AUTHORITY

BOARD MEMORANDUM

DATE:	October 11, 2021	**October 18, 2021**
TO:	BOARD OF DIRECTORS	**Board Meeting**
FROM:	Dennis J. Hoffmeyer, Treasurer-Auditor, PRWA	
VIA:	Mr. Dennis LaMoreaux, Executive Director, PRWA	

RE: AGENDA ITEM NO 5.3 – INVESTMENT REPORT FOR QUARTER ENDING SEPTEMBER 30, 2021

Recommendation:

Palmdale Recycled Water Authority (PRWA) staff recommends to the Board of Directors to receive and file the Investment Report for the quarter ending September 30, 2021.

Background:

To comply with provisions of California Government Code 53646, the attached investment report includes a complete description of the portfolio, the type of investments, the issuers, maturity dates, par values and the current market values of each component of the portfolio, including funds managed for the Authority by third party contracted managers. The report is hereby submitted to the Board of Directors for ratification.

Financial Impact:

As of September 30, 2021, the PRWA has $21,655.82 in cash, $1,472,524.70 in U.S. Treasury Bill/Note and $747,089.25 in Certificates of Deposits with UBS Investment Services with accrued interest in the amount of $1,209.47.

Supporting Documents:

Investment Report for quarter ending September 30, 2021.

PALMDALE RECYCLED WATER AUTHORITY

September 30, 2021

INVESTMENTS						September 2021
UBS Money Market Account (SS 30999)						
Cash						**$21,655.82**

US Government Securities

CUSIP #		Issuer	Maturity Date	Rate	PAR	Market Value
912796A90	1	US Treasury Bill	12/30/2021	0.000	300,000	299,973.00
912796L98	2	US Treasury Bill	03/03/2022	0.000	500,000	499,905.00
912828J76	3	US Treasury Note	03/31/2022	1.750	300,000	302,532.00
912828ZR4	4	US Treasury Note	05/31/2022	0.125	370,000	370,114.70
					1,470,000	**1,472,524.70**

Certificates of Deposit

CUSIP #		Issuer	Maturity Date	Rate	Face Value	
90348JFB1	1	UBS Bank UT	10/28/2021	3.150	100,000	100,237.00
38149MWR0	2	Goldman Sachs Bank	12/02/2021	0.050	150,000	149,986.50
61690UED8	3	Morgan Stanley	02/14/2022	2.850	150,000	151,569.00
140420Y53	4	Capital One Bank	03/01/2022	2.300	250,000	252,320.00
81500JBE2	5	Security State Bank TX	03/31/2022	0.050	93,000	92,976.75
					743,000	**$747,089.25**
					Acct. Total	**$2,241,269.77**
		Accrued interest				$1,209.47
					TOTAL CASH AND INVESTMENTS	**$2,242,479.24**

PALMDALE RECYCLED WATER AUTHORITY

BOARD MEMORANDUM

DATE:	October 11, 2021	**October 18, 2021**
TO:	BOARD OF DIRECTORS	**Board Meeting**
FROM:	Dennis J. Hoffmeyer, Treasurer-Auditor, PRWA	
VIA:	Mr. Dennis LaMoreaux, Executive Director, PRWA	

RE: **AGENDA ITEM NO 5.4 – *CONSIDERATION AND POSSIBLE ACTION ON RESOLUTION NO. PRWA 2021-003, A RESOLUTION OF THE BOARD OF DIRECTORS OF THE PALMDALE RECYCLED WATER AUTHORITY DESIGNATING BY TITLE AND NAME THOSE OFFICIALS WHO ARE AUTHORIZED TO SIGN CHECKS AND WARRANTS.***

Recommendation:

Palmdale Recycled Water Authority (PRWA) staff recommends the Board of Directors adopt Resolution No. PRWA 2021-003, a Resolution of the Board of Directors of the Palmdale Recycled Water Authority designating by title and name those officials who are authorized to sign checks and warrants.

Background:

Resolution No. PRWA 2021-003 will reflect the appointment or deletion of the following, and add or delete him or her as an authorized signer of checks and warrants for the Palmdale Recycled Water Authority:

Vincent Dino – Adding
Christina Kosick – Adding
Juan Carrillo – Retaining
Dennis Hoffmeyer – Retaining
Keith Kang - Retaining
Austin Bishop – Deleting
Helen Velador – Deleting
Katheryn MacLaren – Deleting
Michael Williams – Deleting

Financial Impact:

None

Supporting Documents:

PRWA Resolution No. 2021-003

RESOLUTION NO. PRWA 2021-003

A RESOLUTION OF THE BOARD OF DIRECTORS OF THE PALMDALE RECYCLED WATER AUTHORITY DESIGNATING THOSE OFFICIALS WHO ARE AUTHORIZED TO SIGN CHECKS AND WARRANTS, EFFECTIVE OCTOBER 18, 2021.

WHEREAS, the Palmdale Recycled Water Authority has engaged various financial institutions as depositories of Palmdale Recycled Water Authority moneys and funds administered by the Palmdale Recycled Water Authority Board of Directors; and

WHEREAS, The Board of Directors has, by Resolution, heretofore designated by title certain officials who are authorized to sign checks, drafts, warrants, or other orders for the payment of money drawn in the name of the Palmdale Recycled Water Authority.

NOW, THEREFORE, BE IT RESOLVED by the Board of Directors of the Palmdale Recycled Water Authority:

SECTION 1: For purposes of implementing Section 1 of Resolution No. PRWA 2021-003, the following persons are designated by name and are expressly authorized to sign checks, drafts, warrants or other orders for the payment of money drawn in the name of the Palmdale Recycled Water Authority:

Chair	VINCENT DINO
Vice-Chair	JUAN CARRILLO
Treasurer	DENNIS HOFFMEYER
Assistant Treasurer	KEITH KANG
Assistant Treasurer	CHRISTINA KOSICK

SECTION 2: The following persons are no longer authorized to sign checks, drafts, warrants or other orders on behalf of the Palmdale Recycled Water Authority:

Chair	HELEN VELADOR
Vice-Chair	KATHY MAC LAREN GOMEZ
Chair	AUSTIN BISHOP
Treasurer	MICHAEL WILLIAMS

SECTION 3: The Clerk of the Authority shall certify to the adoption of this Resolution and enter it into the official records of the Authority.

PASSED, APPROVED and ADOPTED this 18th day of October 2021 by the following vote:

AYES:_____

NOES:_____

ABSTAIN:_____ ABSENT:_____

_____
Vincent Dino, Chair

ATTEST:

_____
Roxanne Faber,
Acting Authority Secretary

Approved as to form:

_____
Christopher L. Beck,
Authority Counsel

PALMDALE RECYCLED WATER AUTHORITY

BOARD MEMORANDUM

DATE:	October 11, 2021	**October 18, 2021**
TO:	BOARD OF DIRECTORS	**Board Meeting**
FROM:	Dennis J. Hoffmeyer, Treasurer-Auditor, PRWA	
VIA:	Mr. Dennis LaMoreaux, Executive Director, PRWA	

RE: AGENDA ITEM NO 5.5 – RESOLUTION NO. PRWA 2021-004 BEING A RESOLUTION OF THE PALMDALE RECYCLED WATER AUTHORITY ESTABLISHING ITS INVESTNMENT POLICY FOR CALENDAR YEAR 2021

Recommendation:

Palmdale Recycled Water Authority (PRWA) staff recommends the Board of Directors adopt Resolution No. PRWA 2021-004 establishing its Investment Policy for calendar year 2021.

Background:

It is required by law for the Authority to adopt an annual Investment Policy. The Policy is to invest funds in a manner which will provide the highest investment return with the maximum security while meeting the daily cash flow demands of the District and conforming to all statutes governing the investment of District funds with the primary objectives of the investment activities being safety, liquidity, and return on investments.

Financial Impact:

None

Supporting Documents:

Resolution No. PRWA 2021-004

PALMDALE RECYCLED WATER AUTHORITY
RESOLUTION NO. PRWA 2021-004

A RESOLUTION OF THE BOARD OF DIRECTORS
OF THE PALMDALE RECYCLED WATER AUTHORITY
UPDATING ITS INVESTMENT POLICY

1.0 POLICY

WHEREAS; ; the Legislature of the State of California has declared that the deposit and investment of public funds by local officials and local agencies is an issue of statewide concern; and

WHEREAS; the legislative body of a local agency may invest monies not required for the immediate necessities of the local agency in accordance with the provisions of California Government Code Sections 5922 and 53601 et seq.; and

WHEREAS; the Treasurer/Auditor of the Palmdale Recycled Water Authority ("Authority") shall annually prepare and submit a statement of investment policy and such policy, and any changes thereto, and report same to the be considered by the Board of Directors at a public meeting;

NOW THEREFORE; it shall be the policy of the Authority to invest funds in a manner which will provide the highest investment return with the maximum security while meeting the daily cash flow demands of the Authority and conforming to all statutes governing the investment of Authority funds.

2.0 SCOPE

This investment policy applies to all investment activities and financial assets of the Authority. These funds are accounted for in the annual authority audit.

3.0 PRUDENCE

The standard of prudence to be used by investment officers shall be the "prudent investor" standard, pursuant to California Government Code 53600.3, and shall be applied in the context of managing an overall portfolio. Persons authorized to make investment decisions on behalf of local agencies investing public funds are trustees and therefore fiduciaries subject to the prudent investor standard. Investments shall be made with judgment

and care, under circumstances then prevailing, including, but not limited to, the general economic conditions and the anticipated needs of the Authority, which persons of prudence, discretion and intelligence exercise in the management of their own affairs; not for speculation, but for investment, considering the probable safety of their capital as well as the probable income to be derived. Investment officers acting in accordance with written procedures and the investment policy and exercising due diligence shall be relieved of personal responsibility for an individual security's credit risk or market price changes, provided deviations from expectations are reported in a timely fashion and appropriate action is taken to control adverse developments.

4.0 OBJECTIVES

When investing, reinvesting, purchasing, acquiring, exchanging, selling and managing public funds, the primary objectives, in priority order, of the investment activities shall be:

1. Safety: Safety of principal is the foremost objective of the investment program. Investments of the Authority shall be undertaken in a manner that seeks to ensure the preservation of capital in the overall portfolio. To attain this objective, the Authority will diversify its investments by investing funds among a variety of securities with independent returns.

2. Liquidity: The investment portfolio will remain sufficiently liquid to enable the Authority to meet all operating requirements which might be reasonably anticipated.

3. Return on Investments: The investment portfolio shall be designed with the objective of attaining a acceptable rate of return throughout budgetary and economic cycles, taking into account the Authority's investment risk constraints and the cash flow characteristics of the portfolio.

5.0 DELEGATION OF AUTHORITY

Pursuant to California Government Code 53607, the authority to invest public funds of the Authority is expressly delegated to the Board of Directors of the Authority. The Board re-delegates the investment function to the Board Chairman or Vice Chairman and the Treasurer/Auditor.

The investment of the Authority's monies is annually delegated by the Board of Directors to the Board Chairman or Vice Chairman and Treasurer/Auditor who shall thereafter assume full responsibility for those transactions until the delegation is revoked or expires. The Board Chairman or Vice Chairman shall delegate the day-to-day operations of investing to the Treasurer/Auditor, but not the responsibility for the overall investment program. All transactions will be reviewed by the Board of Directors on a monthly basis to assure compliance with the Investment Policy. (California Government Code Section 53607.)

6.0 ETHICS AND CONFLICTS OF INTEREST

The Board, officers and employees of the Authority involved in the investment process shall refrain from personal business activity that could conflict with the proper execution and management of the investment program, or which could impair their ability to make impartial investment decisions.

7.0 AUTHORIZED FINANCIAL INSTITUTIONS AND DEALERS

The Treasurer/Auditor will maintain a list of financial institutions, selected on the basis of credit worthiness, financial strength, experience and minimal capitalization authorized to provide investment services. In addition, a list will also be maintained of approved security broker/dealers selected by credit worthiness who are authorized to provide investment and financial advisory services in the State of California. No public deposit shall be made except in a qualified public depository as established by state laws.

For brokers/dealers of government securities and other investments, the Authority shall select only broker/dealers who are licensed and in good standing with the California Department of Business Oversight, the Securities and Exchange Commission, the Financial Industry Regulatory Authority or other applicable self-regulatory organizations.

Before engaging in investment transactions with a broker/dealer, the Treasurer/Auditor shall have received from said firm a signed Certification Form. This form shall attest that the individual responsible for the Authority's account with that firm has reviewed the Authority's Investment Policy and that the firm understands the policy and intends to present investment recommendations and transactions to the Authority that are appropriate under the terms and conditions of this Investment Policy.

8.0 AUTHORIZED AND SUITABLE INVESTMENTS

The Authority is empowered by California Government Code 53601 et seq. to invest in the following:

a. Bonds issued by the Authority.

b. United States Treasury Bills, Notes and Bonds.

c. Federal agency or United States government-sponsored enterprise obligations, participations, or other instruments, including those issued by, or fully guaranteed as to principal and interest by federal agencies or United States government-sponsored enterprises.

d. Negotiable certificates of deposit issued by a nationally or state-chartered bank, a savings association or a federal association (as defined by Section 5102 of the Financial Code), or by a state-licensed branch of a foreign bank. Purchases of negotiable certificates of deposit may not exceed 40% of the Authority's money which may be invested pursuant to this policy.

e. Monies held by a trustee or fiscal agent and pledged to the payment or security of bonds or other indebtedness, or obligations under a lease, installment sale, or other agreement of a local agency, or certificates of participation in those bonds, indebtedness, or lease installment sale, or other agreements, may be invested in accordance with the statutory provisions governing the issuance of those bonds, indebtedness, or lease installment sale, or other agreement, or to the extent not inconsistent therewith or if there are no specific statutory provisions, in accordance with the ordinance, resolution, indenture, or agreement of the local agency providing for the issuance.

f. Bonds, notes, warrants or other evidence of debt issued by a local agency within the State of California, including pooled investment accounts sponsored by the State of California, County Treasurers, other local agencies or Joint Powers Agencies.

Such investments shall be limited to securities that at the time of the investment have a term remaining to maturity of five years or less, or as provided above.

The Authority shall not invest any funds covered by this Investment Policy in inverse floaters, range notes, interest-only strips derived from mortgage pools or any investment that may result in a zero interest accrual if held to maturity.

9.0 COLLATERALIZATION

All certificates of deposit must be collateralized by United States Treasury Obligations. Collateral must be held by a third party trustee and valued on a monthly basis. The percentage of collateralizations on repurchase and reverse agreements will adhere to the amount required under California Government Code 53601(j)(2).

10.0 SAFEKEEPING AND CUSTODY

All security transactions entered into by the Authority shall be conducted on delivery-versus-payment (DVP) basis. All securities purchased or acquired shall be delivered to the Authority by book entry, physical delivery or by third party custodial agreement evidence by safekeeping receipts.

11.0 DIVERSIFICATION

The Authority will diversify its investments by security type and institution. Assets shall be diversified to mitigate the risk of loss resulting from over concentration of assets in a specific maturity, a specific issuer or a specific class of securities.

Diversification strategies shall be reviewed and revised periodically. In establishing specific diversification strategies, the following general policies and constraints shall apply:

a. Portfolio maturity dates shall be matched versus liabilities to avoid undue concentration in a specific maturity sector.

b. Maturities selected shall provide for stability of income and liquidity.

c. Disbursement and payroll dates shall be covered through maturities of investments, marketable United States Treasury bills or other cash equivalent instruments such as money market mutual funds.

12.0 REPORTING

The Treasurer/Auditor shall submit to each member of the Board an investment report at least quarterly. Pursuant to California Government Code 53646, the report shall include a complete description of the portfolio, the type of investments, the issuers, maturity dates, par values and the current market values of each component of the portfolio, including funds managed for Authority by third party contracted managers. The report will also include the source of the portfolio valuation. For funds which are placed in LAIF, FDIC-insured accounts and/or in a county investment pool, the foregoing report elements may be replaced by copies of the latest statements from such institutions. The report must also include a certification that (1) all investment actions executed since the last report have been made in full compliance with the Investment Policy, and (2) the Authority will meet its expenditure obligations for the next six months. The Treasurer/Auditor shall maintain a complete and timely record of all investment transactions.

13.0 INVESTMENT POLICY ADOPTION

This Investment Policy shall be adopted by resolution of the Authority. Moreover, the Policy shall be reviewed on an annual basis, and modifications must be approved by the Board.

The Clerk of the Authority shall certify to the adoption of this Resolution and enter it into the official records of the Authority.

PASSED, APPROVED and ADOPTED this 18th day of October 2021 by the following vote:

AYES:_____

NOES:_____

ABSTAIN:_____ ABSENT:_____

_____
Vincent Dino, Chair

ATTEST:

_____
Roxanne Faber,
Acting Authority Secretary

Approved as to form:

_____
Christopher L. Beck
Authority Counsel

CONFERENCE PROGRAM

2021

WateReuse California ANNUAL CONFERENCE

BUILDING A RESILIENT FUTURE TOGETHER

SEPTEMBER 19-21, 2021 • JW MARRIOTT LOS ANGELES

WATEREUSE CALIFORNIA

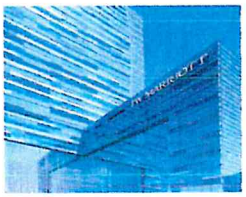
GENERAL INFORMATION

EXHIBIT HALL HOURS

Sunday, September 19	3:00 pm – 6:30 pm
Monday, September 20	7:30 am – 3:30 pm
Tuesday, September 21	9:30 am – 2:30 pm

WELCOME RECEPTION

Sunday, September 19 | 5:30 pm – 7:00 pm | Platinum F-J



Join our exhibitors and your fellow attendees in the exhibit hall as we kick off this year's conference. Welcome back to face to face interaction!

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WOODARD & CURRAN

PRESIDENT'S RECEPTION

Monday, September 20 | 6:00 pm – 7:30 pm | JW Marriott Pool



We hope you will join us on Monday evening for this fun-filled networking reception at the pool.

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Monterey One Water



CONFERENCE WI-FI

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Central Basin Municipal Water District

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GENERAL INFORMATION

POWERPOINT PRESENTATIONS

PowerPoint Presentations can be found in the virtual environment under each Session and Presentation.

PROFESSIONAL DEVELOPMENT HOURS

The WateReuse California Annual Conference is pleased to offer Professional Development Hours (PDHs) for all states.

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 15 PDHs. You can also earn PDHs by watching content in the virtual environment

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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.

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.

UPCOMING WEBCAST

Agricultural Reuse in California: Moving to the Next Level



November 10, 2021
11:00 to Noon PST

To learn more about WateReuse California including how to engage in its committees and its local chapters, please go to our website.

https://watereuse.org/sections/watereuse-california/

WATEREUSE CALIFORNIA

PLENARY SESSIONS

MONDAY, SEPTEMBER 20

OPENING SESSION

Monday, September 20 | 8:30 am – 9:30 am | Room: Platinum A-E

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WELCOME REMARKS

PAUL SCIUTO
President, WateReuse California



After coming on as Deputy General Manager of Monterey One Water in September 2014, Paul Sciuto took over as General Manager in June 2015 and has been key to strengthening and maximizing the Agency's commitment to the community. Under his leadership, Monterey One Water moved to modernize, increase efficiency and accountability, and promote new and innovative thinking. Paul has worked in the potable water, wastewater, and recycled water sectors for more than 30 years.

KEYNOTE SPEAKER

E. JOAQUIN ESQUIVEL
Water Board Chair



E. Joaquin Esquivel was appointed to the State Water Resources Control Board by Governor Jerry Brown in March 2017 and designated by Governor Gavin Newsom as Chair in February 2019. Previously, he served as Assistant Secretary for federal water policy at the California Natural Resources Agency in the Governor's Washington, D.C. office, where he facilitated the development of policy priorities between the agency, the Governor's Office, the California Congressional delegation, and federal stakeholder agencies.

OPENING SESSION SPEAKER

BRIAN FUCHS
Climatologist, US Drought Monitor



Brian Fuchs is a faculty member and climatologist for the National Drought Mitigation Center (NDMC) at the University of Nebraska, focused on drought related issues and research projects. Brian oversees the Monitoring Program Area and research related to mitigation, risk assessment, monitoring, impact, and reporting of drought. He is one of the lead authors for the United States Drought Monitor and the North American Drought Monitor.

AWARDS LUNCHEON AND PRESENTATION

Monday, September 20 | 12:00 pm – 1:30 pm | Room: Platinum A-E

Join us for a presentation of the California Awards of Excellence as WateReuse California recognizes agencies, customers, and individuals that have demonstrated exceptional leadership in advancing water recycling in California.

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PLENARY SESSIONS

TUESDAY, SEPTEMBER 21

GORDON COLOGNE BREAKFAST

Tuesday, September 21 | 8:00 am – 9:30 am | Room: Platinum A-E

The Gordon Cologne Breakfast honors exceptional water reuse advocacy in the state. We will also present the WateReuse California Family Feud North v. South – Grudge Match! Can Team South pull it off this year?!

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Inland Empire Utilities Agency
A MUNICIPAL WATER DISTRICT



TOWN HALL PLENARY LUNCHEON

Tuesday, September 21 | 12:00 pm – 2:00 pm | Room: Platinum A-E

LA'S WATER REUSE FUTURE

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For over 60 years, water and wastewater agencies in the Los Angeles region have been on the forefront of water reuse, implementing numerous projects, driving regulatory change and pushing forward technical innovation. So, what's next for this region?

This panel will provide an engaging discussion on the future of water reuse in the Los Angeles region and beyond. This future includes bold, large-scale, collaborative projects that will build lasting sustainable, reliable, and resilient water supplies.

Join the panel and hear from leaders of water and wastewater agencies who are planning these groundbreaking water reuse efforts. Together, they will collectively create a new supply of water for almost four million people in the Los Angeles Region. Highlighted projects include the Operation NEXT-Hyperion 2035 Joint Programs, the Regional Recycled Water Program, and groundwater storage and augmentation projects in the Central and West Coast Groundwater Basins. Participants will learn about project challenges and opportunities, and how collaboration and partnerships are propelling these projects forward.

WATEREUSE CALIFORNIA AWARDS

WATEREUSE CALIFORNIA 2021 AWARD WINNERS

Congratulations to the 2021 WateReuse California Award Winners. Use the Award Winners icon on the Conference Mobile App to view the full award description as well as informational videos.

BAHMAN SHEIKH AWARD FOR VISION IN WATER REUSE

FELICIA MARCUS

William C. Landreth Visiting Fellow, Stanford University Water in the West Program

In forty years of public, private, and non-profit service, Felicia Marcus has advocated, educated, demonstrated, litigated, and regulated for water reuse. She has shared her powerful ideal of integrated water management in which all utilities find common purpose in making the most of our limited water supplies so that California communities prosper without impairing the rich environment which draws so many to our state.

As counsel for Heal The Bay she argued that "used water" had a higher purpose than disposal. As President of the LA Board of Public Works she worked to achieve that purpose through the first Office of Water Recycling. As EPA Region 9 Administrator she continued to encourage utilities to reuse water as an alternative to discharge. More recently, as chair of the California State Water Resources Control Board, Felicia revealed her dedication to water recycling by ensuring that the series of regulations developed under her authority would gain the support of environmental advocates and others who might challenge their adoption.

RECYCLED WATER ADVOCATE OF THE YEAR

JESUS GONZALEZ

Manager of Water Recycling Policy, Water Resources Division, Los Angeles Department of Water and Power

Jesus Gonzalez helped develop, oversee and fund (through LADWP) a 30-second and 2-minute "video brochure" for WateReuse California and Southern California Water Committee. Starting June 4 this will be used to ask the California Legislature and with Legislative staff to provide $750 million for Recycled Water funding state-wide in the Drought Package (2021/22 budget). The video will be embedded in the WRCA advocacy letters and used in legislative meetings. It will also be sent out to all WRCA members so that they can send it out over their social media channels.

Jesus worked closely with WRCA and SCWC and an animation video company to help develop a short video to explain why California needs to make a major investment in recycled water during the current drought. With the Pandemic the California state capitol is largely closed to the public. At the same time major funding hangs in the balance for recycled water. This video allows WRCA to stand out in a crowd as many interest groups make pitches to include funding for various types of projects.

RECYCLED WATER AGENCY OF THE YEAR – LARGE

TERMINAL ISLAND WATER RECLAMATION PLANT

The Terminal Island Water Reclamation Plant (TIWRP) is a dual wastewater treatment and water recycling plant with conventional wastewater treatment processes up to Tertiary treatment, and advanced treatment processes in its Advanced Water Purification Facility (AWPF) consisting of Microfiltration (MF), Reverse Osmosis (RO), and an Advanced Oxidation Process (AOP). It is currently one of the only facilities in the United States to perform wastewater treatment and water recycling in the same facility and has produced and delivered MF and RO-treated water since 2006 for subsurface injection and seawater intrusion prevention at the Dominguez Gap Barrier (DGB). Therefore, TIWRP staff is experienced with the entire process of treating wastewater to recycled water standards.

Recently, TIWRP upgraded its AWPF capacity from 6 MGD to 12 MGD to be able to treat 100% of TIWRP's influent wastewater flow and replaced its chloramination disinfection with an advanced oxidation process.

RECYCLED WATER AGENCY OF THE YEAR – MEDIUM

CITY OF UKIAH

The City of Ukiah has recently completed the first three phases of a new water recycling facility, which provides an additional 1,000 acre-feet per year of water to the Ukiah Valley. The project addresses several local needs including meeting regulatory requirements that limit the city's wastewater discharge to the Russian River. It also creates a more diversified and drought resilient water supply and provides water for agricultural uses like irrigation and frost protection.

Ukiah now has about 30 percent of its water portfolio coming from the recycled water facility. That has greatly increased the stability of its water supply, while reducing diversions from the Russian River which helps protect fisheries.

Due to the Drought Emergency in Mendocino and Sonoma Counties the State Water Resource Control Board sent out Notices of Water Unavailability to all post 1914 water rights holders, effectively curtailing all agricultural diversions in the Ukiah Valley. For many of the farmers connected to the City of Ukiah's Recycled Water Project, recycled water is the only source of water they have in 2021.

RECYCLED WATER AGENCY OF THE YEAR - SMALL

CITY OF HEALDSBURG RECLAMATION FACILITY

The City of Healdsburg produces Title 22 recycled water which is distributed for agricultural, industrial, and construction uses through a distribution system of 2 pump stations, approximately 47,000 linear feet of pipe, and 2 automated filling stations. Water is supplied to over 1,000 acres of vineyards and a local gravel processing facility for dust control and washing aggregate materials used for asphalt and concrete production. The City's trucked recycled water program benefits construction use (primarily soil compaction, dust control, and hydro-seeding), irrigation for remote properties, and residential landscape irrigation. Over 900 residents either self-haul or receive deliveries of recycled water to offset drinking water use for landscape irrigation, reducing diversions from the Russian River by over 40%. 133,000,000 gallons have been reused since January 2020.

RECYCLED WATER CUSTOMER OF THE YEAR

FOREST LAWN MEMORIAL PARKS

Beginning in 1989, Forest Lawn Memorial Park Association has diligently connected all five of their properties located in Los Angeles County (Long Beach, Covina Hills, Cypress, Hollywood Hills and Glendale) to recycled water and, in some cases, building or upgrading transmission lines, storage reservoirs and pump stations. To accomplish this, Forest Lawn has worked with multiple recycled water producers and purveyors. These five locations receive recycled water from four different water reclamation plants (operated by either the Los Angeles County Sanitation Districts or the City of Los Angeles Sanitation Department)

and are served through five separate retail water purveyors. Forest Lawn's five sites use over 1,700 acre-feet per year on 623 acres of cemetery. Environmental stewardship is part of their mission to provide their "forever" business with a sustainable replacement for potable water in irrigating their extensive landscaping serving multiple communities in Los Angeles County.

RECYCLED WATER OUTREACH/EDUCATION PROGRAM OF THE YEAR

PURE WATER OCEANSIDE

The City of Oceanside is committed to improving local supply reliability and communicating the importance of its indirect potable reuse project, Pure Water Oceanside. Complete in 2022, the project will be the first operating IPR project in San Diego County. Once finished, the project will provide more than 32% of the City of Oceanside's water supply. A combination of innovative communication methods and leadership have paved the way for the project. Outreach methods provide information about the project's purpose, need, benefits, technology and safety. The campaign includes educational videos, virtual and in person tour programs, educational materials, media relations and special events. Communication tactics have instilled confidence in the treatment process, highlighted the professionalism of the city's staff - all while building project support.

RECYCLED WATER STAFF PERSON OF THE YEAR

BEN SMITH

Senior Engineer, Orange County Water District

Ben Smith is a principal engineer at the Orange County Water District where he has worked for ten years supporting the District's recycled water program. OCWD operates the Green Acres Project (GAP), which treats secondary treated water to a tertiary level, then provides recycled water for landscape irrigation at parks, schools, and golf courses; industrial uses; toilet flushing; and power generation cooling. From operations, service and repairs, end-users, rules and regulations, accounting, and even writing his master's thesis on GAP operations and management, Ben is the "go to" person for all things related to GAP. Ben's tireless work also led to fundamental changes in GAP pricing and retail agency agreements to ensure the project's long-term viability, reflecting Ben's personal commitment to recycled water.

CONFERENCE SCHEDULE

SUNDAY, SEPTEMBER 19

	RO CONCENTRATE MINIMIZATION & DISPOSAL - ROOM DIAMOND 6-7 Moderator: Steve Friedman, HDR Sponsor: San Diego County Water Authority
1:00 pm - 1:30 pm	**Brine Minimization Maximizes the Potential for Inland Potable Reuse Project** Troy Walker, Hazen and Sawyer Wendie Heie, Rancho California Water District
1:30 pm - 2:00 pm	**Navigating the Path to Brine Management for Potable Reuse in Arid Regions** Michael Adelman, Stantec
2:00 pm - 2:30 pm	**Take It to the MAX: Optimizing Closed-Circuit Reverse Osmosis for Brine Recovery in Brackish Groundwater Treatment for Potable Use** Scott Miller, Black & Veatch
2:30 pm - 3:00 pm	**Nature-Based Solutions as an Alternative Form of Treatment for RO Concentrate** Medi Sinaki, Valley Water Nastaran Basiri, Valley Water
3:00 pm - 3:30 pm	**BREAK** **Sponsor: Hazen and Sawyer and Padre Dam Municipal Water District**
	DECLINING FLOWS - ROOM DIAMOND 6-7 Moderator: Janet Fordunski, Woodard & Curran Sponsor: HDR
3:30 pm - 4:00 pm	**From Zero to Ninety – Creative Solutions to Achieve Ninety Percent Water Reuse in the City of Oceanside in Ten Years** Adam Hoch, Hoch Consulting Lindsay Leahy, City of Oceanside, Water Utilities Department
4:00 pm - 4:30 pm	**A One Water Approach to Water Augmentation for Las Virgenes-Triunfo Pure Water Project** Katie Bollmer, Jacobs Eric Schlageter, Las Virgenes Municipal Water District
5:30 pm – 7:00 pm	**WELCOME RECEPTION** - ROOM PLATINUM F-J Sponsor: National Water Research Institute and Woodard & Curran

MONDAY, SEPTEMBER 20

8:00 am – 8:30 am	**CONTINENTAL BREAKFAST** Sponsor: Kiewit and El Dorado Irrigation District		
8:00 am – 9:30 am	**OPENING SESSION** - ROOM PLATINUM A-E Keynote Speaker: E. Joaquin Esquivel, Water Board Chair Opening Session Speaker: Brian Fuchs, US Drought Monitor Sponsor: Kennedy Jenks and San Francisco Public Utilities Commission		
	DIRECT POTABLE REUSE ROOM DIAMOND 1-2 Moderator: Jesus Gonzalez, Los Angeles Department of Water and Power Sponsor: AECOM	**PLANNING & IMPLEMENTATION** ROOM DIAMOND 6-7 Moderator: Julie Ann Robison, City of Glendale Sponsor: CDM Smith	**NON-POTABLE REUSE** ROOM DIAMOND 8-9 Moderator: Pooja Sinha, Stantec Sponsor: Filanc
9:30 am – 10:00 am	**The Headworks DPR Demonstration Project: Implementing DPR for the City of LA** Greg Wetterau, CDM Smith Erik Avila, Los Angeles Department of Water and Power	**Equitable Recycled Water Expansion – Through Principles, Policies, and Fees** Dawn Taffler, Kennedy Jenks John Wuerth, Eastern Municipal Water District	**Lessons Learned from a Greenfield Water Resource Recovery Facility in Coastal CA** Rick Koon, Cayucos Sanitary District Dylan Wade, Water Systems Consulting
10:00 am – 10:30 am	**Completion of Nevada's First Ozone-BAC Based Advanced Purified Water Demonstration – Perspectives for California DPR Projects in the Future** Vijay Sundaram, AECOM Lydia (Peri) Teel, Truckee Meadows Water Authority	**Challenges and Success in Planning for a Robust and Flexible Purified Water Program** Hossein Ashktorab, Valley Water Nastaran Basiri, Valley Water	**Application of Recycled Water in Agriculture: Overcoming Technical and Regulatory Barriers** Mohsen Mehran, Rubicon Engineering Corporation

CONFERENCE SCHEDULE

MONDAY, SEPTEMBER 20 (continued)

10:30 am – 11:00 am	BREAK Sponsor: Dudek			
	POTABLE REUSE CHALLENGES & SOLUTIONS ROOM DIAMOND 1-2 Moderator: Scott Lacy, Brown and Caldwell Sponsor: Trussell Technologies	**PLANNING & IMPLEMENTATION** ROOM DIAMOND 6-7 Moderator: Medi Sinaki, Valley Water Sponsor: Los Angeles Department of Water and Power	**NON-POTABLE REUSE** ROOM DIAMOND 8-9 Moderator: Jessica Arm, Metropolitan Water District Sponsor: North San Diego Water Reuse Coalition	FEATURED SESSION **PANEL DISCUSSIONS** ROOM DIAMOND 3 Moderator: Steven Dutschke, Kennedy Jenks Sponsor: Kennedy Jenks
11:00 am – 11:30 am	**Risk Based Analysis of IPR and DPR for the Water Corporation of Western Australia** Nick Turner, Water Corporation of Western Australia Andrew Salveson, Carollo Engineers	**How To Make a Collaborative Delivery Method Work: Hyperion Water Reclamation Plant Delivers Recycled Water to LA's International Airport** Christina Jones, LA Sanitation & Environment	**The Economics of Sustainable Industrial Water Use, Reuse, and the Value of Water** Thomas Chesnutt, A & N Technical Services Eric Rosenblum, Envirospectives	**Transforming Utilities, Sustaining Our Assets – How Advanced Analytics Can Guide Better O&M of Water Recycling Systems** Mike McCullough, Monterey One Water
11:30 am - 12:00 pm	**Compliance with California's Draft DPR Criteria: Case Study of the City of San Diego's Phase 2 Pure Water Project** Anya Kaufmann, Brian Pecson, Rhodes Trussell, and Shane Trussell, Trussell Technologies Douglas Owen, Stantec Jeffery Pasek and John Stufflebean, City of San Diego	**Water Reuse Results Realized Through Collaboration: A Case Study of OneWater Nevada** Lydia (Peri) Teel, Truckee Meadows Water Authority Rick Warner, Warner & Associates	**Design Complications Related to Water Recycle and Reuse Using a Membrane-Based Wastewater Treatment System** Behrang Pakzadeh, Kiewit	Mehul Patel, Orange County Water District Jeff Foushee, LyondellBasell Will Knight, Seeq

MONDAY, SEPTEMBER 20 (continued)

12:00 pm – 12:30 pm	**IPR vs DPR: Which One Makes More Sense for Your Community** Val Frenkel, Greeley Hansen	**Old Habits Die Hard: Unexpected Challenges to Integrating Potable Reuse and Existing Water Supplies** Carrie Del Boccio, Woodard & Curran		**Transforming Utilities, Sustaining Our Assets (continued)**
12:30 pm – 2:00 pm	**AWARDS LUNCHEON** - PLATINUM A-E Sponsor: Black & Veatch and AECOM			
	POTABLE REUSE CHALLENGES & SOLUTIONS ROOM DIAMOND 1-2 Moderator: Keenan Bull, MKN & Associates, Inc. Sponsor: Irvine Ranch Water District	**ARTIFICIAL INTELLIGENCE & REAL-TIME MONITORING** ROOM DIAMOND 6-7 Moderator: Jason Dadakis, Orange County Water District Sponsor: Jacobs	**GROUNDWATER REPLENISHMENT** ROOM DIAMOND 8-9 Moderator: Alex Waite, City of Santa Monica Sponsor: Orange County Water District	FEATURED SESSION **PANEL DISCUSSIONS** ROOM DIAMOND 3 Moderator: Zeynep Erdal, Black & Veatch Sponsor: Black & Veatch
2:00 pm – 2:30 pm	**WRF Research to Advance Reuse in California: CA State Water Board Grant** Julie Minton, The Water Research Foundation Katie Spahr, The Water Research Foundation Keel Robinson, Trussell Technologies	**Recycled Water: The Lynchpin to Groundwater Sustainability in Coachella Valley** Rosalyn Prickett, Woodard and Curran Jignesh Ladhawala, Coachella Valley Water District Armando Rodriguez, Coachella Valley Water District	**Employing an Inventive Communication and Outreach Strategy to Engage by Encouraging Advisory Groups for the Hyperion 2035 Program** Christina Jones, LA Sanitation and Environment	**Multi-Pronged Approach to Make Technology Work for Regulatory Success of DPR** Heather Collins, Metropolitan Water District of Southern California Kevin Hardy, National Water Research Institute Dave Pedersen, Las Virgenes Municipal Water District

CONFERENCE SCHEDULE

MONDAY, SEPTEMBER 20 (continued)

2:30 pm – 3:00 pm	**CUWA: Facing Obstacles to Maximizing Water Reuse** Wendy Broley, Brown and Caldwell	**Water Quality Impacts on AWT Design and Operation** Larry Schimmoller, Jacobs Jim Lozier, Jacobs	**Tracer Test Plan Development for a Groundwater Replenishment Reuse Project** Fred Gerringer, Hazen & Sawyer Andrew Han, Los Angeles Department of Water and Power	**Multi-Pronged Approach to Make Technology Work for Regulatory Success of DPR (continued)**
3:00 pm – 3:30 pm	**BREAK** Sponsor: Dudek			
	POTABLE REUSE CHALLENGES & SOLUTIONS ROOM DIAMOND 1-2 Moderator: Graham Juby, Carollo Engineers Sponsor: Woodard and Curran	**ARTIFICIAL INTELLIGENCE & REAL-TIME MONITORING** ROOM DIAMOND 6-7 Moderator: Brent Alspach, Arcadis Sponsor: Carollo Engineers	**GROUNDWATER REPLENISHMENT** ROOM DIAMOND 8-9 Moderator: Hannah Ford, El Toro Water District Sponsor: Water Systems Consulting	**PANEL DISCUSSIONS** ROOM DIAMOND 3 Moderator: Melanie Holmer, Brown and Caldwell Sponsor: Metropolitan Water District of Southern California
3:30 pm – 4:00 pm	**Climate Resiliency Tool for Future Projects** Flor Burrola, City of Los Angeles, LA Sanitation and Environment Henry Durand, City of Los Angeles, LA Sanitation and Environment	**Validation of Artificial Intelligence for Water Reuse** Andrew Salveson, Carollo Engineers Yasuhiro Matsui, Yokogawa Kevin Hardy, National Water Research Institute	**A Methodical Approach to Groundwater Protection on the Central Coast** Ben Fine, City of Pismo Beach Amos Branch, Carollo Engineers	**Same But Different – Three California Utilities Share What's Most Important for Reuse Projects** Ron Duncan, Soquel Creek Water District Christina Becerra Jones, LA Sanitation and Environment Angela Morrow, City of Escondido

MONDAY, SEPTEMBER 20 (continued)

4:00 pm – 4:30 pm	**WRF's WRAP (Water Reuse Action Plan) Actions** Julie Minton, The Water Research Foundation Rabia Chaudry, US Environmental Protection Agency	**Wastewater Intelligence: Optimizing Wastewater Treatment and Maximizing the Resources Available** Max Howels, Kando	**Peering into the Unknown: Utilizing Aerial Geophysics to Battle Seawater Intrusion and Design an IPR Injection Well Network** Daniel Heimel, Water Systems Consulting Ben Fine, City of Pismo Beach	**Same But Different – Three California Utilities Share What's Most Important for Reuse Projects (continued)**
4:30 pm – 5:00 pm	**Potable Reuse Decision Toolbox: Charting an Implementation Pathway for Small to Medium Sized-Agencies** Susan Brownstein, Woodard & Curran Erica Wolski, Woodard & Curran Tom Richardson, Woodard and Curran	**Advancements in Digital Water Quality Monitoring Allow for Optimized Potable Reuse AWTF Operation** Mark Donovan, GHD Tyler Abercrombie, GHD Aditi Padhye, KETOS		
6:00 pm – 7:30 pm	**PRESIDENT'S RECEPTION** – JW MARRIOTT POOL Sponsored by: Eastern Municipal Water District and Monterey One Water			

CONFERENCE SCHEDULE

TUESDAY, SEPTEMBER 21

8:30 am – 9:30 am	**GORDON COLOGNE BREAKFAST (WRCA MEMBERSHIP MEETING)** Sponsor: Environmental Science Associates and Upper San Gabriel Valley Municipal Water District **FAMILY FEUD: N. CALIFORNIA VS S. CALIFORNIA GRUDGE MATCH** Sponsor: CDM Smith and Inland Empire Utilities Agency ROOM PLATINUM A-E		
9:30 am – 10:00 am	**BREAK** Sponsored by: Arcadis and Western Municipal Water District		
	OUTREACH & COMMUNICATIONS ROOM DIAMOND 6-7 Moderator: Melanie Holmer, Brown & Caldwell Sponsor: Atkins	**TREATMENT** ROOM DIAMOND 8-9 Moderator: Todd Reynolds, Kennedy Jenks Sponsor: San Francisco Public Utilities Commission	**PANEL DISCUSSIONS** ROOM DIAMOND 3 Moderator: Joyce Lehman, Metropolitan Water Dist of Southern California Sponsor: Eastern Municipal Water District
10:00 am – 10:30 am	**Redrawing the Potable Reuse Process Flow Chart – How the Rosamond Community Service District Keeps Beneficial Reuse Simple** Steve Perez and Greg Wood, Rosamond CSD Brian Villacorta, Coombs Hopkins Company	**The Rise of UV/ Chlorine and the Fall of UV/Peroxide in Water Reuse: What Is Best for Your Facility** Christine Cotton, Arcadis	**Partnerships for Success with the Regional Recycled Water Program** Bruce Chalmers, George Di Giovanni, Joyce Lehman, and Rupam Soni, Metropolitan Water District of Southern California Lysa Gaboudian, and Mike Liu, Los Angeles County Sanitation Districts
10:30 am - 11:00 am	**Communications: To Construction...And Beyond!!** Ron Duncan, Soquel Creek Water District Mark Millan, Data Instincts	**Ceramic Microfiltration Allows Reuse of Challenging Wastewaters at Two U.S. Location** Dave Holland, Aqua-Aerobic Systems	

TUESDAY, SEPTEMBER 21 (continued)

11:00 am - 11:30 am	**Keeping Pure Water "Fluid": How the City of San Diego Has Dynamically Adapted Its Outreach Program Over the Last Decade** Megan Drummy, Katz & Associates John Stufflebean, City of San Diego Public Utilities Department	**East Bayshore Recycled Water Quality Improvements Pilot Study – Recycled Water Use in Cooling Tower** An Bartlett, East Bay Municipal Utility District John Kenny, Trussell Technologies	**Partnerships for Success with the Regional Recycled Water Program (continued)**
11:30 am - 12:00 pm	**Learning While Educating: A Case Study on Building the ARC Digital Water Museum** Jennifer Swart, Water Replenishment District	**Role of Water Recycling Facilities in Managing PFAS Circulation through the Water Cycle** Alex Franchi and Vijay Sundaram, AECOM	
12:00 pm – 1:30 pm	**LUNCH: LA WATER REUSE FUTURE PANEL DISCUSSION** ROOM PLATINUM A-E Sponsor: Metropolitan Water of SC		
1:30 pm – 2:00 pm	**BREAK** Sponsored by: Arcadis and Western Municipal Water District		
	MBR IN IPR PROJECTS ROOM DIAMOND 6-7 Moderator: Jeremy Neill, Coombs-Hopkins Company Sponsor: NWRI	**REGULATORY & PERMITTING** ROOM DIAMOND 8-9 Moderator: Gina Dorrington, Ventura Water Sponsor: West Yost Associates	
2:00 pm – 2:30 pm	**Evaluation of MBR-Based Approaches to Optimize Indirect Potable Reuse at the Joint Water Pollution Control Plant** Colin Fitzgerald, Jacobs Bruce Mansell, Los Angeles County Sanitation Districts	**Pure Water in Miramar Reservoir: Tracers and Modeling Close the Loop on Regulatory Approval** Jeffery Pasek, City of San Diego Public Utilities Department	

CONFERENCE SCHEDULE

TUESDAY, SEPTEMBER 21 (continued)

2:30 pm - 3:00 pm	**Pathogen Credits for MBR – The Latest from the Water Research Foundation and the First Validated Tier 2 System** Larry Morris, KUBOTA Water and Environment R&D Center USA	**Initializing the Initial Phase: Permitting Groundwater Replenishment in LA** Andrew Han, Los Angeles Department of Water and Power Azya Jackson, LA Sanitation and Environment
3:00 pm - 3:30 pm	**Morro Bay Water Reclamation Facility: Expanding the Innovative IPR Portfolio in California** Kaitie Gellerman, Black & Veatch Sandeep Sathyamoorthy, Black & Veatch James DeCarolis, Black & Veatch	**Maximizing Virus Credit Using the Title 22 Recycled Water Alternative Disinfection Framework for the First Potable Reuse Application** Yan Qu, Trussell Technologies Bonita Fan, Inland Empire Utilities Agency

VIRTUAL SESSIONS

VIRTUAL-ONLY SESSIONS

(AVAILABLE IN THE VIRTUAL ENVIRONMENT ONLY)

Alternative Approaches for Chemical and Pathogen Control in CA DPR Projects

Ufuk Erdal, Arcadis
Randy Barnard, State Water Resources Control Board Division of Drinking Water
Eric Hoek, University of California, Los Angeles
Glen Daigger, University of Michigan

Bioanalytical Screening in Recycled Water – Current Status, Challenges, and Opportunities – Panel Discussion

Claire Waggoner, California State Water Resources Control Board
Luciana Pereyra, Trussell Technologies
Daniel Schlenk, University of California, Riverside
Alvina Mehinto, Southern California Coastal Water Research Project
Stephanie Guyon, Los Angeles County Sanitation Districts
Rick Zimmer, Eurofins

Challenges in Full-Scale Modeling of Water Resource Recovery Facilities

Mani Firouzian, University of California, Irvine

Evaluation of Peracetic Acid for Biofouling Control of UF Membranes as an Alternative to Chlorine

Jana Safarik, Orange County Water District
Martin Reinhard, Stanford University
Megan Plumlee, Orange County Water District

Lessons Learned, Challenges, and Barriers to Successful Recycled Water Programs

Suzanne Brown, Los Angeles County Sanitation Districts

Managing Recycled Water and IPR Systems with Declining Wastewater Flows

Denise Chow, Lenise Marrero, and Azya Jackson; City of Los Angeles, LA Sanitation

Online Strontium Meter for Potable Reuse RO LRV Crediting

Eileen Idica, Trussell Technologies
Seval Sen, Padre Dam Municipal Water District

Water Reuse Communications in 2021 and Beyond: Developments and Best Practices – Panel Discussion

Patsy Tennyson, Katz & Associates
Gina Ayala, Orange County Water District
Ivonne Castillo, Metropolitan Water District of Southern California
Ben Glickstein, East Bay Municipal Utility District
Stephanie Spicer, Los Angeles Department of Water and Power
Rebecca Rubin, Soquel Creek Water District

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Medi Sinaki, Valley Water
Dian Tanuwidjaja, Long Beach Water Department

WATEREUSE

UPCOMING EVENTS

March 6-9, 2022
37th Annual WateReuse Symposium
Marriott San Antonio Rivercenter
San Antonio, Texas

September 11-13, 2022
2022 WateReuse California Annual Conference
Hyatt Regency San Francisco
San Francisco, CA

March 5-8, 2023
38th Annual WateReuse Symposium
Marriott Marquis Atlanta
Atlanta, Georgia

November 5-7, 2023
2023 WateReuse California Annual Conference
Hyatt Regency Indian Wells
Indian Wells, CA

1199 N. Fairfax Street • Suite 900
Alexandria, VA 22314
703.548.0880
WATEREUSE.ORG

PALMDALE RECYCLED WATER AUTHORITY

BOARD MEMORANDUM

DATE:	October 11, 2021	**October 18, 2021**
TO:	BOARD OF DIRECTORS	**Board Meeting**
FROM:	Dennis Hoffmeyer, Treasurer-Auditor, PRWA	
VIA:	Mr. Dennis LaMoreaux, Executive Director, PRWA	

RE: AGENDA ITEM NO 6.1 – CONSIDERATION AND POSSIBLE ACTION ON RESOLUTION NO. 2021-002 AUTHORIZING THE ADOPTION OF THE PALMDALE RECYCLED WATER AUTHORITY 2022 ANNUAL BUDGET

Recommendation:

Palmdale Recycled Water Authority (PRWA) staff recommends approving the 2022 annual budget as presented in the 2022 Budget Document and adoption of Resolution No. PRWA 2021-002 authorizing the adoption of the Palmdale Recycled Water Authority 2022 Annual Budget.

Background:

A part of the Palmdale Recycled Water Authority's duties is to create an annual operating budget. The 2022 Budget continues with the removal of the contributions by both agencies as it has been determined that contributions this year are not needed. The budget includes funds necessary to move forward with updating the Recycled Water Facility Master Plan.

Financial Impact:

As set forth in the 2022 Budget Document, the fiscal year is projected to result in $1,602,261 in unappropriated reserves.

Supporting Documents:

Resolution No. PRWA 2021-002
2022 Budget Document (Exhibit A to Resolution No. PRWA 2021-002)

RESOLUTION NO. PRWA 2021-002

A RESOLUTION OF THE BOARD OF DIRECTORS OF THE PALMDALE RECYCLED WATER AUTHORITY AUTHORIZING THE ADOPTION OF THE PALMDALE RECYCLED WATER AUTHORITY 2022 BUDGET

WHEREAS, The Palmdale Recycled Water Authority has identified the need for a 2022 Budget, and

WHEREAS, The Palmdale Recycled Water Authority Board reviewed the Budget for calendar year 2022, and

WHEREAS, the Palmdale Recycled Water Authority considered the budget as submitted and made all changes and amendments thereto which said Authority, desired to make therein; and

WHEREAS, individual project costs have been proportionately budgeted to the respective project areas based upon the benefit attributable to the targeted project area including improving inadequate public improvements and public facilities, improving and correcting depreciated values; and,

WHEREAS, the Palmdale Recycled Water Authority has heretofore raised sufficient revenues to finance and balance said budget.

NOW, THEREFORE, BE IT RESOLVED by the Board of Directors of the Palmdale Recycled Water Authority:

SECTION 1: The original of the Budget of the Palmdale Recycled Water Authority shall be placed on file in the office of the Authority Clerk and shall be open to public inspection.

SECTION 2: The Palmdale Recycled Water Authority hereby approves all of the adjustments to the calendar year 2022 revenues and expenditures as presented in the calendar year 2022 budget document.

SECTION 3: The Budget of the Palmdale Recycled Water Authority is hereby approved and adopted. In adopting said budget the Authority Board approved the specified amounts for each of the various programs and accounts set forth.

SECTION 4: The Authority Treasurer is hereby authorized and instructed to take all steps necessary to implement this resolution in accordance with the provisions of the budget document.

SECTION 5: Without prior approval of the Authority Board, the Executive Director shall have authority to transfer up to $25,000 from program to program, except for shifts in appropriations relating to personnel. Any transfer of more than such amount shall be approved by the Authority Board.

SECTION 6: The Authority Treasurer, with the approval of the Executive Director shall approve the Encumbrances and Continuing Appropriations from the Authority's budget for calendar year 2022.

SECTION 7: The Budget for calendar year 2022, as submitted, amended, modified, revised, corrected, adopted, and filed by the Authority shall be the calendar year 2022 Budget for the Palmdale Recycled Water Authority. The Budget is subject to the requirements of Article XIII B of the California Constitution.

SECTION 8: The Clerk of the Authority shall certify to the adoption of this Resolution and enter it into the official records of the Authority.

PASSED, APPROVED and ADOPTED this 18th day of October 2021, by the following vote:

AYES: _____

NOES: _____

ABSTAIN: _____ ABSENT: _____

_____
Vincent Dino, Chair

ATTEST:

_____
Roxanne Faber
Acting Authority Secretary

Approved as to form:

_____
Christopher L. Beck,
Authority Counsel

PALMDALE RECYCLED WATER AUTHORITY

Proposed Budget - CY 2022

Acct. #		CY 2017 ACTUAL	CY 2018 ACTUAL	CY 2019 ACTUAL	CY 2020 ACTUAL	CY 2021 PROJECTED	CY 2022 PROPOSED
	Revenues:						
1-00-3100-100	Contribution - Palmdale Water District	$ 100,000	$ 300,000	$ 300,000	$ 300,000	$ -	$ -
1-00-3100-200	Contribution - City of Palmdale	100,000	300,000	300,000	300,000	-	-
1-00-3000-000	Revenue - Water Sales	28,748	55,806	34,829	40,172	110,068	100,000
1-00-3050-000	Revenue - Meter Fees	22,812	19,579	17,982	16,216	33,340	35,000
1-00-3075-000	Revenue - Miscellaneous Fees	-	578	100	605	1,576	500
1-00-3150-000	Grants	55,582	-	-	-	-	-
1-00-3500-000	Interest Earnings	1,667	4,543	26,902	11,814	863	1,500
	Total Revenue	$ 308,809	$ 680,506	$ 679,813	$ 668,807	$ 145,848	$ 137,000
	Expenses:						
1-00-4000-000	Public Representative - Meetings & Travel	$ 1,830	$ 2,722	$ 750	$ 1,559	$ 750	$ 3,000
1-00-4010-000	Payroll Tax Expense (Employer)	82	57	57	69	46	200
1-00-4500-100	Depreciation-General	280,387	53,407	53,407	53,407	53,407	53,407
1-00-5000-000	Banking Fees	424	939	523	662	783	1,000
1-00-5025-000	Provision for Bad Debt	695	-	-	-	-	500
1-00-5100-000	Insurance	-	1,789	6,703	6,457	7,371	8,000
1-00-5200-000	Memberships	2,408	2,996	3,130	4,102	4,102	4,100
1-00-5300-000	Marketing & Outreach	-	-	-	10,096	6,405	10,000
1-00-5500-000	Travel & Meetings	595	-	-	-	2,300	1,500
1-00-5600-000	Permits & Fees	76	-	-	-	-	5,000
1-00-6000-000	Purchased Water	14,789	16,631	16,963	19,481	19,034	17,500
1-00-6500-000	Materials & Supplies	-	7,928	-	394	14,500	10,000
1-00-6600-000	Maint. & Rep. - Water System	9,783	-	-	13,814	500	10,000
1-00-8000-150	Contract Services - Professional Services	22,647	-	1,382	63,614	5,138	50,000
1-00-8000-200	Contract Services - Financial Audit	9,000	10,225	8,000	8,500	8,500	9,000
	Total Expenses	$ 342,715	$ 96,694	$ 90,915	$ 182,155	$ 122,836	$ 183,207
					Net Income/(Expense):	$ 23,012	$ (46,207)
	Change in Net Position at December 31	$ (33,906)	$ 549,906	$ 1,138,804	$ 1,625,456	$ 1,648,468	$ 1,602,261

Prepared 10/11/2021