

Agenda

Regular Meeting of the Board of Directors of Yuima Municipal Water District

Monday, March 27, 2023 2:00 P.M.
34928 Valley Center Road, Pauma Valley, California

Roland Simpson, President
Don Broomell, Secretary / Treasurer
Bruce Knox, Director

Steve Wehr, Vice President
Laurie Kariya, Director

AGENDA TOPICS

1. **Roll Call** - Determination of Quorum Broomell
 2. **Pledge of Allegiance**
 3. **Approval of Agenda** – At its option, the Board may approve the agenda, delete an item, reorder items and add an item to the agenda per the provisions of Government Code §54954.2. Simpson
 4. **Public Comment** – This is an opportunity for members of the public to address the Board on matters of interest within the Board’s jurisdiction that are not listed on the agenda. The Brown Act does not allow any discussion by the Board or staff on matters raised during public comment except; 1) to briefly respond to statements made or questions posed; 2) ask questions for clarification; 3) receive and file the matter; 4) if it is within staff’s authority, refer it to them for a reply; or 5) direct that it be placed on a future board agenda for a report or action. Inquiries pertaining to an item on the agenda will be received during deliberation on that agenda item. No action can be taken unless specifically listed on the agenda (Government Code §54954.3) Simpson
- I. **CONSENT CALENDAR**
Consent Calendar items will be voted on together by a single motion unless separate action is requested by a Board Member, staff or audience member.
1. Approve minutes of the Regular Meeting of February 27, 2023.
 2. Approve of Accounts Paid and Payables for & Reporting under Government Code §53065.5 for February 2023.
 3. Accept of Monthly Financial Reports - February 2023, Treasurer's Report and Cash Statements.
- II. **ACTION DISCUSSION**
1. Proposed Resolution Setting Forth a Schedule of Water Availability Charges Proposed to be Established for the District (2023/2024) and Fixing the Time and Place of Hearing and Giving Notice of Hearing. Simpson

Background: The levy of Water Availability Charge collects a \$10/acre within the District's boundaries or, approximately \$94,483. These funds are allocated in the capital budget each year. This is not a new or increased charge and is not subject to the provision of Proposition 218.

Recommendation: That, should they agree the Board adopt the Proposed Resolution which sets the hearing before the Board at 2:10 p.m. on the 24th day of April, 2023 and direct staff to publish the notice as required.

2. Discussion: Budget Development Process: Review the 2023/24 Budget Drivers to be considered when developing the Budget. Reeh

Background: Staff will review factors being considered in the 2023/24 budget, discuss suggestions and estimations and receive direction from the Board for use in the 2023/ 24 Budget.

Recommendation: Direction from the Board as to their goals for the 2023/24 Budget.

3. Proposed Ordinance Instituting a Cross Connection Control Program to Protect the Public Water System and Rescinding Ordinance No. 138-22. Simpson

Background: At the December 12, 2022, Special Meeting the Ordinance presented and approved by the Board was the redline version of the ordinance with the incorrect date. The official version of the Ordinance with the correct date has been presented to the board for approval.

Recommendation: That, should the Board agree, they approve the Ordinance as presented.

III. CLOSED SESSION

1. Public Employee Performance Evaluation: Pursuant to Government Code 54957(b) – Title: General Manager Simpson

2. Conference with Labor Negotiators: Pursuant to Government Code 54957.6
District Representative: General Manager, General Counsel Simpson
Unrepresented Employees: Yuima District Employees

IV. INFORMATION / REPORTS

1. **Board Reports / Meetings**
JPIA Reeh
San Diego County Water Authority/MWD Reeh
Other Meetings (SGMA/GSA) Simpson

2. **Administrative** Reeh
General Information

3. **Capital Improvements** Reeh

4. **Operations** Quinn
General Information
Rainfall
Production / Consumption Report
Well Levels
District Water Purchased

5. Counsel

Jungreis

6. Finance & Administrative Services

Brewer

General Information
Delinquent Accounts

V. OTHER BUSINESS

VI. ADJOURNMENT

NOTE: In compliance with the Americans with Disabilities Act, if special assistance is needed to participate in the Board meeting, please contact the General Manager at (760) 742-3704 at least 48 hours before the meeting to enable the District to make reasonable accommodations. The meeting begins at 2:00 p.m. The time listed for individual agenda items is an estimate only. Any writings or documents provided to a majority of the members of the Yuima Municipal Water District Board of Directors regarding any item on this agenda will be made available for public inspection during normal business hours in the office of the General Manager located at 34928 Valley Center Road, Pauma Valley.

I.
CONSENT CALENDAR

Yuima Municipal Water District

MINUTES OF THE REGULAR MEETING OF THE BOARD OF DIRECTORS OF YUIMA MUNICIPAL WATER DISTRICT

Date: February 27, 2023

Time: 2:00 p.m.

Call to Order

The Regular Meeting of the Board of Directors of the Yuima Municipal Water District was held at the office of the district located at 34928 Valley Center Rd., Pauma Valley, California on Monday, the 27th day of February, 2023. The meeting was called to order at 2:00 p.m. and the Pledge of Allegiance was performed.

Roll Call – Determination of Quorum

Administrative Assistant Rodriguez conducted the roll-call and a quorum of the Board was established.

Directors In Attendance

Roland Simpson	Bruce Knox
Steve Wehr	Laurie Kariya
Don Broomell	

Others In Attendance

Amy Reeh – General Manager, YMWD
Mark Quinn, Operations Manager, YMWD
Carmen Rodriguez, Administrative Assistant, YMWD
Barry Willis, Commissioner, San Diego LAFCO
Jeremy Jungreis, General Counsel, Rutan & Tucker (via videoconference) joined meeting at 2:58 p.m.

Approval of the Agenda

General Manager Reeh requested to add Action/Discussion item number 5 “Proposed Resolution Concurring the Nomination of Oliver J. Smith to the Executive Committee of the Association of California Water Agencies Joint Power Insurance Authority (“JPIA”). Upon motion being offered by Director Knox, second by Director Wehr, Action/Discussion number 5 was added to the agenda by the following roll-call vote, to wit:

AYES: Wehr, Broomell, Kariya, Knox, Simpson

NOES: None
ABSTAIN: None
ABSENT: None

Public Comment

San Diego LAFCO Special District Representative, Barry Willis is up for re-election this year and asked the Board for their support in his re-election to the San Diego LAFCO Board.

I. Consent Calendar

With motion being offered by Director Knox and seconded by Director Simpson, the Regular Meeting Minutes of January 23, 2023 with the following corrections: add Director Kariya to Others Present, show Director Kariya's vote on Action/Discussion Item #5, and correction of the word "routing" to "routine" under the Operations Report; Accounts Paid and Payable for January 2023; Monthly Financial Reports for January 2023; Yuima's Identity Theft Prevention Program; and the District 's Fraud Policy were approved by the following roll-call vote, to wit:

AYES: Wehr, Broomell, Kariya, Knox, Simpson
NOES: None
ABSTAIN: None
ABSENT: None

The Closed Session was moved after Action/Discussion due to a delay in General Counsel's availability.

II. Action Discussion

1. Resolution 1930-23 Authorizing Checking, Savings, and Investment Accounts with Various Banking Institutions and Rescinding Resolution No. 1783-20.

Upon motion offered by Director Simpson, seconded by Director Wehr, *Resolution 1930-23 Authorizing Checking, Savings, and Investment Accounts with Various Banking Institutions and Rescinding Resolution No. 1783-20* was approved and carried unanimously by the following roll-call vote, to wit:

AYES: Wehr, Broomell, Kariya, Knox, Simpson
NOES: None
ABSTAIN: None
ABSENT: None

2. Discussion and Board Direction Regarding Director Per Diem.

The Director compensation per Board Meeting is \$100 and \$50 per Special Committee Meeting. The last change to the per diem was done in 2017. Following discussion and upon motion being offered by Director Knox, seconded by Director Wehr, the Board elected not to make any changes to the Director per diem. The motion was approved and carried unanimously by the following roll-call vote, to wit:

AYES: Wehr, Broomell, Kariya, Knox, Simpson
NOES: None
ABSTAIN: None
ABSENT: None

3. Authorize General Manager to Sign Agreement Between and Among The San Diego County Water Authority, The Valley Center Municipal Water District, and the Yuima Municipal Water District for Funding the Construction and for the Operation of the Emergency Storage Project Improvement in Valley Center and Yuima Municipal Water Districts subject to any recommendation by General Counsel.

Following discussion and upon motion offered by Director Kariya, seconded by Director Broomell, Authorization for the General Manager to Sign the Agreement between the San Diego County Water Authority, The Valley Center Municipal Water District, and The Yuima Municipal Water District for Funding the Construction and for the Operation of the Emergency Storage Project Improvement in Valley Center and Yuima Municipal Water Districts subject to any recommendation by the General Counsel was approved and carried unanimously by the following roll-call vote, to wit:

AYES: Wehr, Broomell, Kariya, Knox, Simpson
NOES: None
ABSTAIN: None
ABSENT: None

4. Ordinance 139-23 Finding Existence of an Emergency Caused by a Threatened Water Shortage and Establishing Restrictions Pursuant to Section 71640 of the California Water Code.

Following discussion and upon motion offered by Director Kariya, seconded by Director Simpson, *Ordinance 139-23 Finding Existence of an Emergency caused by a Threatened Water Shortage and Establishing Restrictions Pursuant to Section 71640 of the California Water Code* was approved and carried unanimously by the following roll-call vote, to wit:

AYES: Wehr, Broomell, Kariya, Knox, Simpson
NOES: None
ABSTAIN: None
ABSENT: None

5. Resolution 1931-23 Concurring the Nomination of Oliver J. Smith to the Executive Committee of The Association of California Water Agencies Joint Powers Insurance Authority (“JPIA”).

Following discussion and upon motion offered by Director Wehr, seconded by Director Kariya, *Resolution 1931-23 Concurring the Nomination of Oliver J. Smith to the Executive Committee of the Association of California Water Agencies Joint Powers Insurance Authority (“JPIA”)* was approved and carried unanimously by the following roll-call vote, to wit:

AYES: Wehr, Broomell, Kariya, Knox, Simpson
NOES: None
ABSTAIN: None

ABSENT: None

III. Closed Session

General Counsel, Jeremy Jungreis joined the Board Meeting via videoconference at 2:58 p.m.

Mr. Jungreis took the Board into Closed Session at 2:59 p.m.

1. Pursuant to Section 54956.8 Conference with Real Property Negotiators
15265 Highway 76, Jeremy Jungreis and Amy Reeh

General Counsel, Mr. Jungreis brought the Board out of Closed Session at 3:46 p.m., stating there was no reportable action taken.

General Counsel, Mr. Jungreis exited the meeting at 3:46 p.m.

IV. Information / Reports

Reports are provided for information purposes only. Discussion conducted as follows.

1. Board Reports/Meeting

No Reports were Available.

2. Administrative

General Manager Reeh presented to the Board the current California Reservoir storage levels provided by the California State Water Resources Control Board. The State's most recent rainfall and snowfall activity appears to be having a positive impact of the state's drought condition; however, the Colorado River drought situation remains a problem. The survey shows that around 53% of the State's reservoir storage is at or above average capacity; though most reservoirs are still far below the total availability capacity. Metropolitan is still experiencing a shortage in core water supplies and has indicated that until the State Water Project allocation reaches 70%, there will be an implementation of cutbacks.

3. Capital Improvement Program

The Capital Improvement Report was available in the Board packet.

4. Operations

Operations Manager, Mark Quinn reviewed the current status of the operating system with the Board. The final shutdown by the San Diego County Water went into effect February 26th and will continue through March 8th.

5. Counsel

Counsel had nothing new to report.

6. Finance & Administrative Services.

Reports were available in the Board packet.

V. Other Business

No other business was presented.

VI. Adjournment

The meeting of the Board of Directors of the Yuima Municipal Water District was adjourned at 4:15 p.m. until the next meeting on March 27, 2023 at 2:00 p.m.

Roland Simpson, President

Don Broomell, Secretary/Treasurer



Yuima Municipal Water District

Bank Transaction Report

Transaction Detail

Issued Date Range: 02/01/2023 - 02/28/2023

Cleared Date Range: -

Issued Date	Cleared Date	Number	Description	Module	Status	Type	Amount
Bank Account: 57-955468-36 - *General Checking							
02/06/2023		71503	VOID TO SEND TO ACI	Bank Reconciliation	Voided	Check	0.00
02/07/2023	02/28/2023	71502	VALIC GA#24515	Accounts Payable	Cleared	Check	-800.00
02/07/2023	02/28/2023	DFT0001473	CALPERS -FISCAL SERVICES DIV.	Accounts Payable	Cleared	Bank Draft	-529.22
02/07/2023	02/28/2023	DFT0001474	CALPERS -FISCAL SERVICES DIV.	Accounts Payable	Cleared	Bank Draft	-585.68
02/07/2023	02/28/2023	DFT0001475	CALPERS -FISCAL SERVICES DIV.	Accounts Payable	Cleared	Bank Draft	-1,702.16
02/07/2023	02/28/2023	DFT0001476	CALPERS -FISCAL SERVICES DIV.	Accounts Payable	Cleared	Bank Draft	-3,244.74
02/07/2023	02/28/2023	DFT0001477	CALPERS 457 PLAN	Accounts Payable	Cleared	Bank Draft	-37.50
02/07/2023	02/28/2023	DFT0001478	CALPERS -FISCAL SERVICES DIV.	Accounts Payable	Cleared	Bank Draft	-8.37
02/07/2023	02/28/2023	DFT0001479	EMPLOYMENT DEVELOPMENT DEPARTMENT	Accounts Payable	Cleared	Bank Draft	-1,158.41
02/07/2023	02/28/2023	DFT0001480	EMPLOYMENT DEVELOPMENT DEPARTMENT	Accounts Payable	Cleared	Bank Draft	-276.88
02/07/2023	02/28/2023	DFT0001481	EFTPS - Federal Payroll Tax	Accounts Payable	Cleared	Bank Draft	-4,248.29
02/07/2023	02/28/2023	EFT0000060	Payroll EFT	Payroll	Cleared	EFT	-22,750.66
02/08/2023	02/28/2023	71504	ACWA JPIA	Accounts Payable	Cleared	Check	-16,907.44
02/08/2023	02/28/2023	71505	AMY REEH	Accounts Payable	Cleared	Check	-143.64
02/08/2023	02/28/2023	71506	CARMEN RODRIGUEZ	Accounts Payable	Cleared	Check	-85.15
02/08/2023	02/28/2023	71507	COUNTY OF SAN DIEGO - DEH	Accounts Payable	Cleared	Check	-718.00
02/08/2023	02/28/2023	71508	DENISE M. LANDSTEDT	Accounts Payable	Cleared	Check	-10,198.45
02/08/2023	02/28/2023	71509	EDCO Waste and Recycling Services, Inc.	Accounts Payable	Cleared	Check	-293.79
02/08/2023	02/28/2023	71510	Eurofins Eaton Analytical, LLC	Accounts Payable	Cleared	Check	-1,125.00
02/08/2023	02/28/2023	71511	FERGUSON WATERWORKS #1083	Accounts Payable	Cleared	Check	-3,967.90
02/08/2023	02/28/2023	71512	Geoscience Support Services	Accounts Payable	Cleared	Check	-9.00
02/08/2023	02/28/2023	71513	Hydrocurrent Well Services	Accounts Payable	Cleared	Check	-13,203.08
02/08/2023	02/28/2023	71514	IMAGE SOURCE, INC.	Accounts Payable	Cleared	Check	-194.59
02/08/2023	02/28/2023	71515	ONTARIO REFRIGERATION SERVICE, INC.	Accounts Payable	Cleared	Check	-1,255.00
02/08/2023		71516	Pauma Band Of Mission Indians	Accounts Payable	Outstanding	Check	-15.95
02/08/2023	02/28/2023	71517	PRUDENTIAL OVERALL SUPPLY	Accounts Payable	Cleared	Check	-143.08
02/08/2023	02/28/2023	71518	SAN DIEGO COUNTY WATER AUTHORITY	Accounts Payable	Cleared	Check	-207,900.72
02/08/2023	02/28/2023	71519	SDG&E	Accounts Payable	Cleared	Check	-82,293.62
02/08/2023	02/28/2023	71520	SERRATOS AUTOMOTIVE & TIRE	Accounts Payable	Cleared	Check	-1,302.84
02/08/2023	02/28/2023	71521	SUSAN M. MEYER	Accounts Payable	Cleared	Check	-1,693.20
02/08/2023	02/28/2023	71522	TRAVIS W. PARKER	Accounts Payable	Cleared	Check	-450.00
02/08/2023	02/28/2023	71523	USA BLUE BOOK	Accounts Payable	Cleared	Check	-301.88
02/08/2023	02/28/2023	71524	Jack Powell CDJR	Accounts Payable	Cleared	Check	-309,310.45
02/09/2023	02/28/2023	71518	SAN DIEGO COUNTY WATER AUTHORITY Reversal	Accounts Payable	Cleared	Check Reversal	207,900.72
02/09/2023	02/28/2023	DFT0001482	SAN DIEGO COUNTY WATER AUTHORITY	Accounts Payable	Cleared	Bank Draft	-207,900.72
02/14/2023	02/28/2023	71525	AFLAC	Accounts Payable	Cleared	Check	-88.40

Bank Transaction Report

Issued Date Range: -

Issued Date	Cleared Date	Number	Description	Module	Status	Type	Amount
02/14/2023	02/28/2023	71526	Clear Current Electric, Inc.	Accounts Payable	Cleared	Check	-8,198.00
02/14/2023	02/28/2023	71527	CONTROLLED ENVIRONMENTS LLC	Accounts Payable	Cleared	Check	-953.00
02/14/2023	02/28/2023	71528	Eurofins Eaton Analytical, LLC	Accounts Payable	Cleared	Check	-1,450.00
02/14/2023	02/28/2023	71529	GRANGETTO'S AG SUPPLY	Accounts Payable	Cleared	Check	-181.87
02/14/2023	02/28/2023	71530	Lori Johnson	Accounts Payable	Cleared	Check	-5,151.60
02/14/2023	02/28/2023	71531	OFFICE DEPOT	Accounts Payable	Cleared	Check	-190.44
02/14/2023	02/28/2023	71532	Protelesis	Accounts Payable	Cleared	Check	-325.00
02/14/2023	02/28/2023	71533	PRUDENTIAL OVERALL SUPPLY	Accounts Payable	Cleared	Check	-104.42
02/14/2023	02/28/2023	71534	ROBERT V. FOWLER	Accounts Payable	Cleared	Check	-3,061.20
02/14/2023	02/28/2023	71535	TEAMAN, RAMIREZ & SMITH, INC	Accounts Payable	Cleared	Check	-21,300.00
02/14/2023	02/28/2023	71536	TEMECULA VALLEY PIPE	Accounts Payable	Cleared	Check	-39,789.70
02/14/2023	02/28/2023	71537	TRAN CONTROLS SCADA SOLUTIONS	Accounts Payable	Cleared	Check	-5,367.38
02/14/2023		71538	Upper San Luis Rey Groundwater Management Authority	Accounts Payable	Outstanding	Check	-6,274.90
02/14/2023	02/28/2023	71539	WATERLINE TECHNOLOGIES	Accounts Payable	Cleared	Check	-582.00
02/14/2023	02/28/2023	71540	XEROX FINANCIAL SERVICES LLC	Accounts Payable	Cleared	Check	-910.84
02/17/2023	02/28/2023	DFT0001483	EMPLOYMENT DEVELOPMENT DEPARTMENT	Accounts Payable	Cleared	Bank Draft	-90.20
02/17/2023	02/28/2023	DFT0001484	EMPLOYMENT DEVELOPMENT DEPARTMENT	Accounts Payable	Cleared	Bank Draft	-69.23
02/17/2023	02/28/2023	DFT0001485	EFTPS - Federal Payroll Tax	Accounts Payable	Cleared	Bank Draft	-716.34
02/17/2023	02/28/2023	EFT0000061	Payroll EFT	Payroll	Cleared	EFT	-6,930.63
02/21/2023	02/28/2023	71541	VALIC GA#24515	Accounts Payable	Cleared	Check	-800.00
02/21/2023	02/28/2023	DFT0001486	CALPERS -FISCAL SERVICES DIV.	Accounts Payable	Cleared	Bank Draft	-539.98
02/21/2023	02/28/2023	DFT0001487	CALPERS -FISCAL SERVICES DIV.	Accounts Payable	Cleared	Bank Draft	-597.58
02/21/2023	02/28/2023	DFT0001488	CALPERS -FISCAL SERVICES DIV.	Accounts Payable	Cleared	Bank Draft	-1,715.96
02/21/2023	02/28/2023	DFT0001489	CALPERS -FISCAL SERVICES DIV.	Accounts Payable	Cleared	Bank Draft	-3,271.05
02/21/2023	02/28/2023	DFT0001490	CALPERS -FISCAL SERVICES DIV.	Accounts Payable	Cleared	Bank Draft	-8.37
02/21/2023	02/28/2023	DFT0001491	EMPLOYMENT DEVELOPMENT DEPARTMENT	Accounts Payable	Cleared	Bank Draft	-1,164.58
02/21/2023	02/28/2023	DFT0001492	EMPLOYMENT DEVELOPMENT DEPARTMENT	Accounts Payable	Cleared	Bank Draft	-273.00
02/21/2023	02/28/2023	DFT0001493	EFTPS - Federal Payroll Tax	Accounts Payable	Cleared	Bank Draft	-4,194.44
02/21/2023	02/28/2023	EFT0000062	Payroll EFT	Payroll	Cleared	EFT	-21,922.83
Bank Account 57-955468-36 Total: (65)							-823,077.63
Report Total: (65)							-823,077.63

Bank Transaction Report

Issued Date Range: -

Summary

Bank Account	Count	Amount
57-955468-36 *General Checking	65	-823,077.63
Report Total:	65	-823,077.63

Cash Account	Count	Amount
No Cash Account	1	0.00
99 99-1000-011 General Checking	64	-823,077.63
Report Total:	65	-823,077.63

Transaction Type	Count	Amount
Bank Draft	21	-232,332.70
Check	40	-747,041.53
Check Reversal	1	207,900.72
EFT	3	-51,604.12
Report Total:	65	-823,077.63

Government Code 53065.5 Reporting - Fiscal Year 2022/2023

No.	Name	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	2022/2023
1040	A. Simon													\$ -
0900	M. Quinn													\$ -
1349	M. Munaco													\$ -
1772	A. Reeh				763.40		173.00	239.24	143.64					\$ 1,319.28
1827	N. Ruiz							55.00						\$ 55.00
1858	L. Brewer					21.00		323.68						\$ 344.68
1854	C. Rodriguez				80.00	127.56	151.88		85.15					\$ 444.59
1946	B. Easley		63.06		30.38	20.25								\$ 113.69
1997	R. Valenzuela						129.30							\$ 129.30
	Totals	\$ -	\$ 63.06	\$ -	\$ 873.78	\$ 168.81	\$ 454.18	\$ 617.92	\$ 228.79	\$ -	\$ -	\$ -	\$ -	\$ 2,406.54

California Government Code Section 53065.5

Each special district, as defined by subdivision (a) of Section 53036, shall, at least annually, disclose any reimbursement paid by the district within the immediately preceding fiscal year of at least one hundred (\$100) for each individual charge for services or products received.

"Individual charge" includes, but is not limited to, one meal, lodging for one day, transportation, or a registration fee paid to any employee or member of the governing body of the district. The disclosure requirement shall be fulfilled by including the reimbursement information in a document published or printed at least annually by a date determined by that district and shall be made available for public inspection.

Government Code 53065.5 reporting
Breakdown available in the Finance Department

file-L-02-46.6



Pooled Cash Report

Yuima Municipal Water District
For the Period Ending 2/28/2023

ACCOUNT #	ACCOUNT NAME	BEGINNING BALANCE	CURRENT ACTIVITY	CURRENT BALANCE	
CLAIM ON CASH					
01-1001-000	Claim on Cash - Yuima General District	2,547,632.57	108,625.81	2,656,258.38	
02-1001-000	Claim on Cash - IDA	1,090,987.04	(124,635.76)	966,351.28	
10-1001-000	Claim on Cash - Yuima General District Capital	1,297,229.72	(308,059.24)	989,170.48	
20-1001-000	Claim on Cash - IDA Capital	352,252.83	3,646.48	355,899.31	
TOTAL CLAIM ON CASH		<u>5,288,102.16</u>	<u>(320,422.71)</u>	<u>4,967,679.45</u>	
CASH IN BANK					
Cash in Bank					
99-1000-000	Petty Cash	500.00	0.00	500.00	
99-1000-011	General Checking	62,075.61	327,583.10	389,658.71	
99-1100-015	General Savings	10,057.21	0.39	10,057.60	
99-1100-017	Official Pay	18,906.97	6,757.47	25,664.44	
99-1200-020	LAIF State Treasury	3,037,541.37	(1,040,000.00)	1,997,541.37	
99-1300-030	UBS Financial Services - Clearing	(244,449.41)	244,964.21	514.80	
99-1300-035	Higgins Capital Management - Clearing	0.06	3,528.77	3,528.83	
99-1400-041	Valley Strong CD - CUSIP 920133AN5	0.00	245,232.75	245,232.75	
99-1400-046	BMO Harris Bank - 05600XCG3	88,582.00	(261.00)	88,321.00	
99-1400-051	BMW Bank - 05580AH64	186,678.00	(650.00)	186,028.00	
99-1400-053	Sallie Mae - 795451AN3	224,102.50	(667.50)	223,435.00	
99-1400-054	State Bank of India - 856285VD0	221,827.50	(647.50)	221,180.00	
99-1400-057	BMO Harris Bank - 05600XGP9	238,171.85	(1,401.40)	236,770.45	
99-1400-058	Morgan Stanley Bank - 61690UUH1	242,237.50	(300.00)	241,937.50	
99-1400-062	Flagstar Bank - 33847E4D6	93,118.00	(206.00)	92,912.00	
99-1400-068	American Express National Bank - 02589AB50	248,810.00	572.50	249,382.50	
99-1450-061	FHLB Bond - 3130AJZ36	91,250.00	(955.00)	90,295.00	
99-1450-063	FHLB Step-Up Bond - 3130AR2X8	97,347.00	(551.00)	96,796.00	
99-1450-066	US Treasury Bill CUSIP 912796Y29	244,402.50	730.00	245,132.50	
99-1450-067	FHLB Step-Up Bond - 3130ARPU9	98,341.00	(245.00)	98,096.00	
99-1450-068	FHLB Step-Up Bond - 3130AMAW2	228,677.50	(3,982.50)	224,695.00	
TOTAL: Cash in Bank		<u>5,288,102.16</u>	<u>(320,422.71)</u>	<u>4,967,679.45</u>	
TOTAL CASH IN BANK		<u>5,288,102.16</u>	<u>(320,422.71)</u>	<u>4,967,679.45</u>	
DUE TO OTHER FUNDS					
99-2601-000	Due to Other Funds	5,288,102.16	(320,422.71)	4,967,679.45	
TOTAL DUE TO OTHER FUNDS		<u>5,288,102.16</u>	<u>(320,422.71)</u>	<u>4,967,679.45</u>	
Claim on Cash	4,967,679.45	Claim on Cash	4,967,679.45	Cash in Bank	4,967,679.45
Cash in Bank	4,967,679.45	Due To Other Funds	4,967,679.45	Due To Other Funds	4,967,679.45
Difference	<u>0.00</u>	Difference	<u>0.00</u>	Difference	<u>0.00</u>

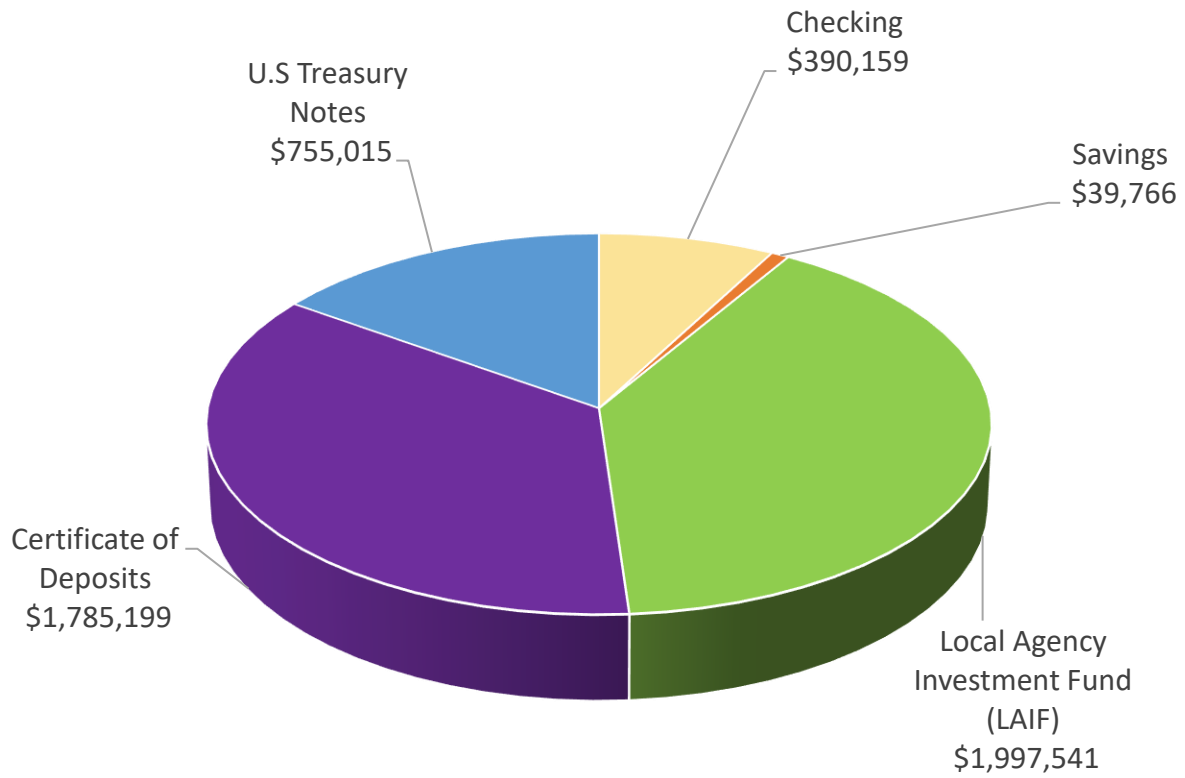
ACCOUNT #	ACCOUNT NAME	BEGINNING BALANCE	CURRENT ACTIVITY	CURRENT BALANCE	
ACCOUNTS PAYABLE PENDING					
01-2555-000	AP Pending - General District	374,191.86	(100,432.46)	273,759.40	
02-2555-000	AP Pending - IDA	67,759.51	1,146.84	68,906.35	
TOTAL ACCOUNTS PAYABLE PENDING		<u>441,951.37</u>	<u>(99,285.62)</u>	<u>342,665.75</u>	
DUE FROM OTHER FUNDS					
99-1501-000	Due From General District	(374,191.86)	100,432.46	(273,759.40)	
99-1502-000	Due From IDA	(67,759.51)	(1,146.84)	(68,906.35)	
TOTAL DUE FROM OTHER FUNDS		<u>(441,951.37)</u>	<u>99,285.62</u>	<u>(342,665.75)</u>	
ACCOUNTS PAYABLE					
99-2555-000	Accounts Payable	441,951.37	(99,285.62)	342,665.75	
TOTAL ACCOUNTS PAYABLE		<u>441,951.37</u>	<u>(99,285.62)</u>	<u>342,665.75</u>	
AP Pending	342,665.75	AP Pending	342,665.75	Due From Other Funds	342,665.75
Due From Other Funds	342,665.75	Accounts Payable	342,665.75	Accounts Payable	342,665.75
Difference	<u>0.00</u>	Difference	<u>0.00</u>	Difference	<u>0.00</u>

Yuima Municipal Water District

Cash & Investments Data

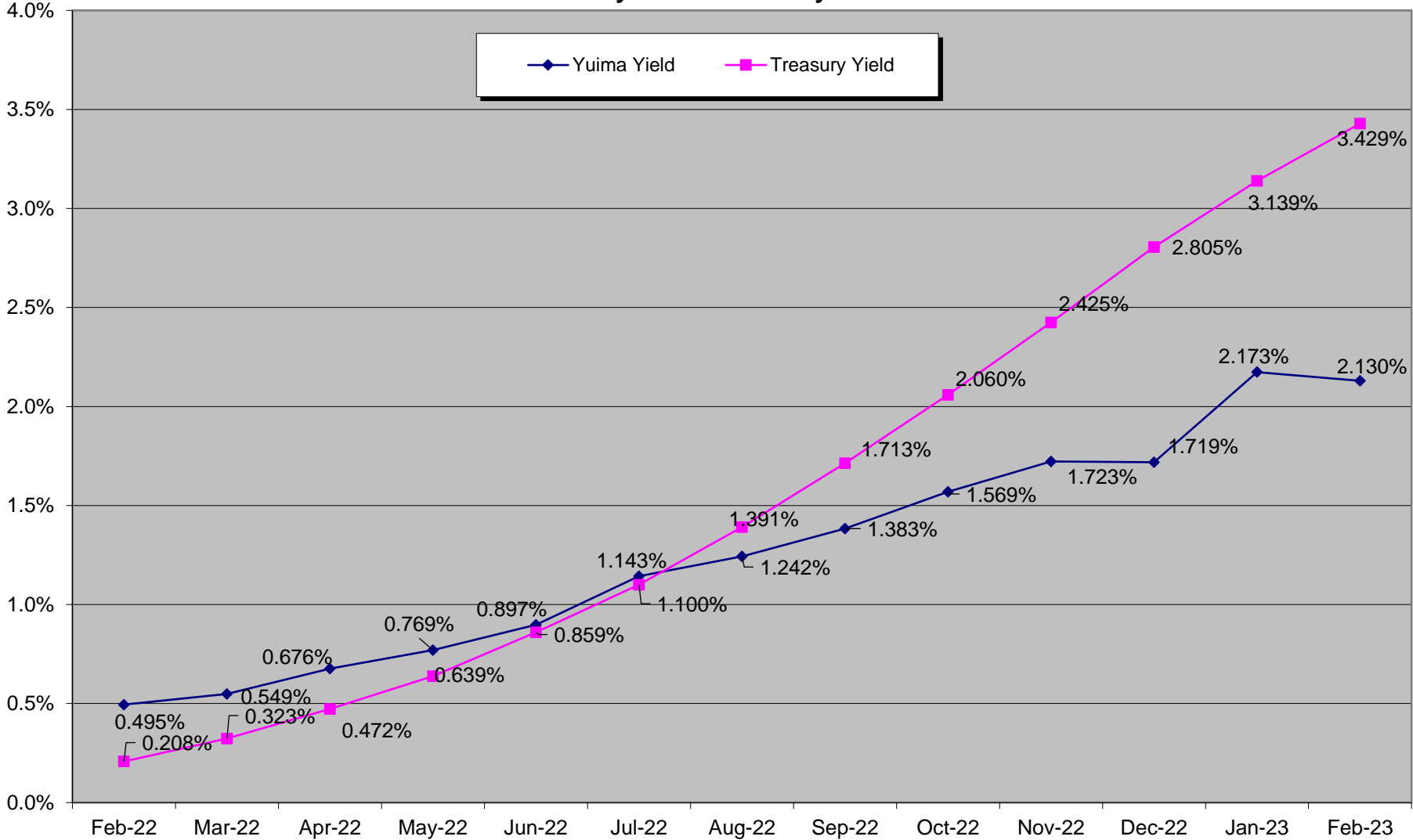
February 2023

\$4,967,679.45



Aggregate Yuima Portfolio Yield

February 2022 - February 2023





PMIA/LAIF Performance Report as of 03/09/23



PMIA Average Monthly Effective Yields⁽¹⁾

February	2.624
January	2.425
December	2.173

Quarterly Performance Quarter Ended 12/31/22

LAIF Apportionment Rate ⁽²⁾ :	2.07
LAIF Earnings Ratio ⁽²⁾ :	0.00005680946709337
LAIF Fair Value Factor ⁽¹⁾ :	0.981389258
PMIA Daily ⁽¹⁾ :	2.29
PMIA Quarter to Date ⁽¹⁾ :	1.98
PMIA Average Life ⁽¹⁾ :	287

Pooled Money Investment Account Monthly Portfolio Composition ⁽¹⁾ 02/28/23 \$200.5 billion

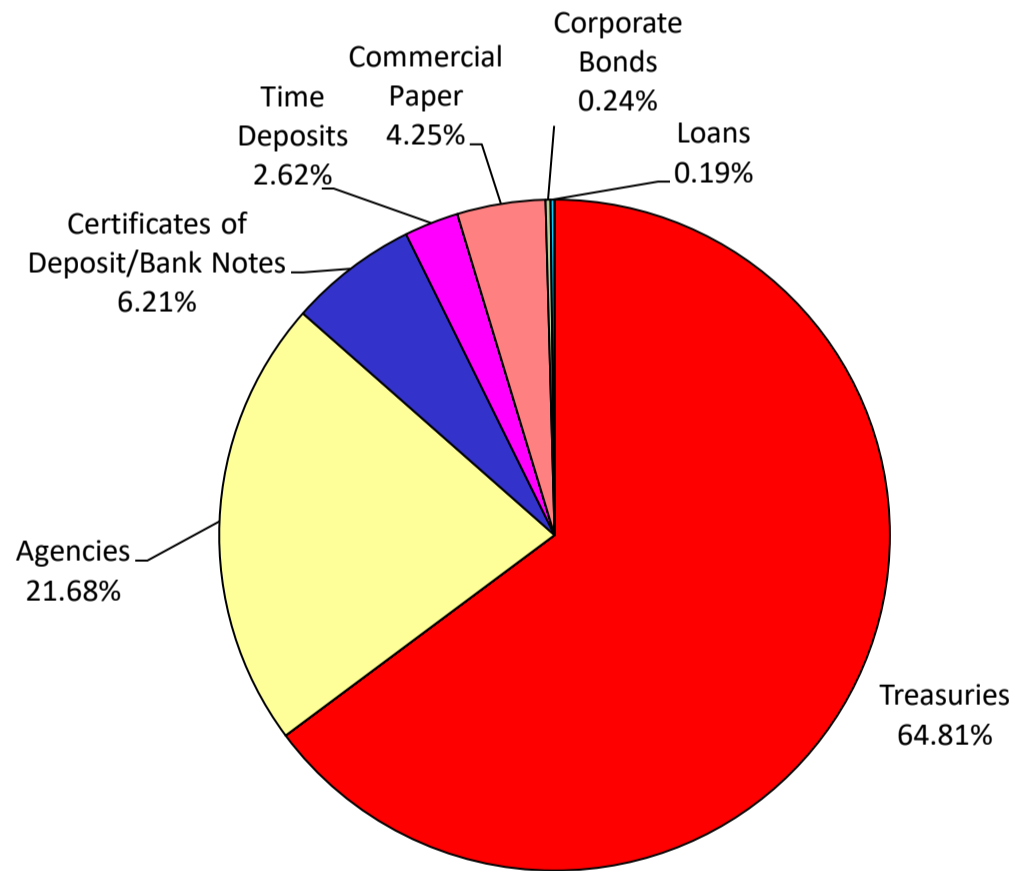


Chart does not include \$3,158,000.00 in mortgages, which equates to 0.002%. Percentages may not total 100% due to rounding.

Daily rates are now available here. [View PMIA Daily Rates](#)

Notes: The apportionment rate includes interest earned on the CalPERS Supplemental Pension Payment pursuant to Government Code 20825 (c)(1) and interest earned on the Wildfire Fund loan pursuant to Public Utility Code 3288 (a).

Source:

⁽¹⁾ State of California, Office of the Treasurer

⁽²⁾ State of California, Office of the Controller



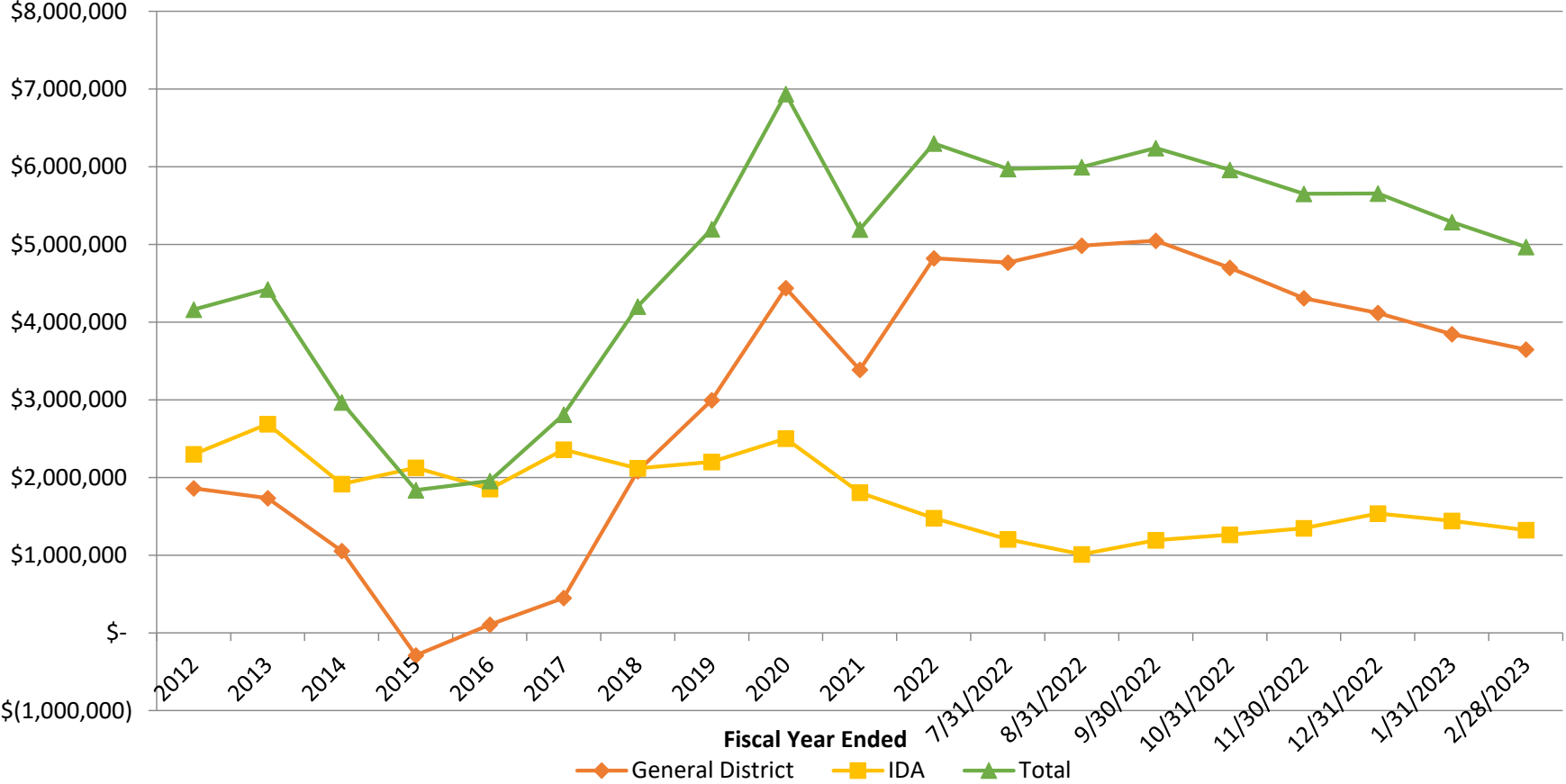
State of California Pooled Money Investment Account Market Valuation 2/28/2023

Description	Carrying Cost Plus Accrued Interest Purch.	Fair Value	Accrued Interest
United States Treasury:			
Bills	\$ 35,472,002,381.05	\$ 35,826,707,500.00	NA
Notes	\$ 94,479,803,125.60	\$ 91,357,303,500.00	\$ 237,482,814.00
Federal Agency:			
SBA	\$ 327,908,914.39	\$ 327,687,031.65	\$ 972,554.95
MBS-REMICs	\$ 3,157,960.37	\$ 3,107,406.75	\$ 14,094.88
Debentures	\$ 10,519,944,660.97	\$ 10,309,828,600.00	\$ 36,864,682.20
Debentures FR	\$ -	\$ -	\$ -
Debentures CL	\$ 2,550,000,000.00	\$ 2,465,101,500.00	\$ 23,082,730.00
Discount Notes	\$ 26,993,358,722.23	\$ 27,267,863,500.00	NA
Supranational Debentures	\$ 3,076,127,648.22	\$ 2,985,206,700.00	\$ 10,609,111.90
Supranational Debentures FR	\$ -	\$ -	\$ -
CDs and YCDs FR	\$ -	\$ -	\$ -
Bank Notes	\$ 200,000,000.00	\$ 199,684,401.36	\$ 1,107,638.89
CDs and YCDs	\$ 12,250,000,000.00	\$ 12,240,290,356.81	\$ 135,955,874.98
Commercial Paper	\$ 8,523,061,958.32	\$ 8,610,681,333.30	NA
Corporate:			
Bonds FR	\$ -	\$ -	\$ -
Bonds	\$ 475,106,188.63	\$ 446,727,560.00	\$ 2,887,277.98
Repurchase Agreements	\$ -	\$ -	\$ -
Reverse Repurchase	\$ -	\$ -	\$ -
Time Deposits	\$ 5,254,000,000.00	\$ 5,254,000,000.00	NA
PMIA & GF Loans	\$ 376,839,000.00	\$ 376,839,000.00	NA
TOTAL	\$ 200,501,310,559.78	\$ 197,671,028,389.87	\$ 448,976,779.78

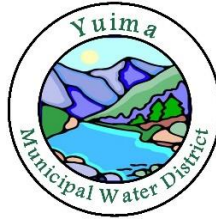
Fair Value Including Accrued Interest \$ 198,120,005,169.65

Repurchase Agreements, Time Deposits, PMIA & General Fund loans, and Reverse Repurchase agreements are carried at portfolio book value (carrying cost).

Cash Position



II.
ACTION & DISCUSSION



March 27, 2023

TO: Honorable President and Board of Directors

FROM: Amy Reeh, General Manager

SUBJECT: Setting a Public Hearing for Water Availability Charge for the 2023/24 Fiscal Year.

Background:

The District collects a Water Availability fee through a Fixed Charge Special Assessment. This fee is based on a \$10 per acre fee that is collected through each parcel property tax. The estimated revenue for the 2023/24 Water Availability fee is \$94,472. Although this is an annual fee the District must hold a public hearing each year and notify the public. This resolution is to set the time and place of the public hearing.

RECOMMENDATION: That should the Board agree, they approve the Resolution as presented and cause a Notice of Public Hearing to be placed in the local paper.

SUBMITTED BY:

A handwritten signature in blue ink that reads "Amy Reeh".

Amy Reeh
General Manager

RESOLUTION NO. _____

**RESOLUTION OF THE BOARD OF DIRECTORS OF
YUIMA MUNICIPAL WATER DISTRICT
SETTING FORTH A SCHEDULE OF WATER AVAILABILITY
CHARGES PROPOSED TO BE ESTABLISHED FOR
THE DISTRICT (2023-2024) AND FIXING TIME AND
PLACE OF HEARING AND GIVING NOTICE OF HEARING**

WHEREAS, the Yuima Municipal Water District has heretofore been duly and regularly formed; and

WHEREAS, water is available to lands within the District through water systems which benefit all lands lying within District; and

WHEREAS, Section 71630 et seq. of the California Water Code authorizes the Board of Directors of a municipal water district to establish water availability charges whether the water is actually used or not; and

WHEREAS, matters relative to the financial requirements of said water systems have been presented to and considered by the Board of Directors; and

WHEREAS, matters have been presented to and considered by the Board of Directors relating to land use, water use and water availability within the District; and

WHEREAS, it is determined to be in the best interests of the inhabitants, landowners, water consumers and taxpayers of the District that a water availability charge be fixed for land lying within the District; and

WHEREAS, the area upon which the standby assessment or availability charge shall be levied shall be determined on the basis of the number of acres assessed to each owner of land within the District, excluding only publicly owned and dedicated rights-of-way.

NOW, THEREFORE, IT IS HEREBY FOUND, DETERMINED, DECLARED AND RESOLVED AS FOLLOWS:

1. The recitals set forth hereinabove are true.
2. The proposed water availability charge for Fiscal Year 2023-2024 is ten dollars (\$10.00) per acre but not less than ten dollars (\$10.00) per parcel for all land within the District.
3. The water availability charge shall be fixed in the amounts hereinafter set forth for parcels of land as shown upon the Assessment Roll of the County Assessor of San Diego County and payable by the property owner thereof. The schedule of water availability charges proposed to be established are as set forth on the "Yuima Municipal Water District Schedule of Water Availability Charges" which is on file with the Secretary of the Yuima Municipal Water District. Said schedule sets forth name of the owner, address, assessor's parcel number, and proposed availability charge for each parcel of real property located within the District. Said schedule, (which is incorporated herein by reference), may be examined at any time during office hours at the Office of the District, Telephone No. (760) 742-3704.
4. Said charges shall be collected in the same form and manner as County Taxes are collected and shall be paid to the District, unless deferred in accordance with Res. No. 742-99.
5. That a hearing before the Board of Directors of Yuima Municipal Water District shall be held at 2:10 p.m. on April 24, 2023 at the office of the District 34928 Valley Center Road, Pauma Valley, California, for the purpose of considering the adoption of an ordinance which will fix and establish said water availability charge.
6. That the Secretary cause notice of the time and place of said hearing to be published in a newspaper of general circulation, published and circulated within said District, once a week for two successive weeks prior to said hearing.
7. The Secretary shall, in accordance with Section 71638.3 of the California Water Code, cause written notice of said hearing to be mailed, prior to said hearing, to the owner of any affected property which has changed ownership since the last availability charge was fixed. The notices provided by this paragraph shall be mailed to said persons at the addresses listed and shown by the last available assessment roll of the County Assessor of San Diego County.
8. That any owner of property within the District may appear and present

objections or protests at said hearing or may file with the Secretary of the District, at any time prior to the hour set for said hearing, a written objection or protest to the proposed water availability charge.

PASSED AND ADOPTED at a Regular Adjourned Meeting of the Board of Directors of Yuima Municipal Water District held on the 27th day of March 2023 by the following roll-call vote:

AYES:
NOES:
ABSTAIN:
ABSENT:

Roland Simpson, President

ATTEST:

Don Broomell, Secretary/Treasurer

**NOTICE TO ALL PROPERTY OWNERS WITHIN
YUIMA MUNICIPAL WATER DISTRICT**

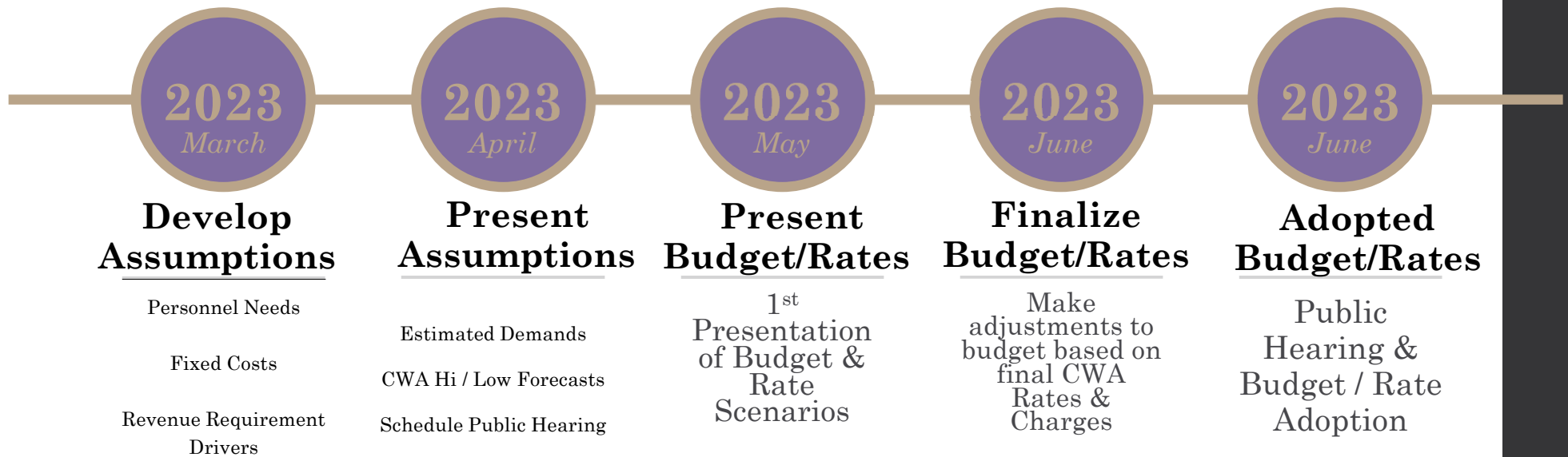
You are hereby notified that the Board of Directors of Yuima Municipal Water District proposes to levy a water availability charge for the fiscal year 2023-24 on all parcels of land within the District to which water is made available by the District. The proposed charge is \$10.00 per acre but not less than \$10.00 per parcel and will be used for capital improvement only to improve water resources and delivery capability. The charge shall be collected in the same manner (via your county tax bill) as County Taxes are collected, unless deferred in accordance with Resolution No. 742-99. This is the same charge established last year and the basis for the charge has not changed.

The proposed ordinance and schedule of charges may be examined at any time during office hours at the office of the District, 34928 Valley Center Road, Pauma Valley, California – Telephone No. (760) 742-3704.

A public hearing on the proposed ordinance and schedule of charge will be held on Monday, April 24, 2023 beginning at 2:10 p.m. at the office of the District, 34928 Valley Center Road, Pauma Valley, California. Any owner of property within the District may appear and present objections or protests or may file with the Secretary of the District, at any time prior to the hour set for the hearing, written protests or objections to the proposed water availability charge.

Board of Directors
Yuima Municipal Water District

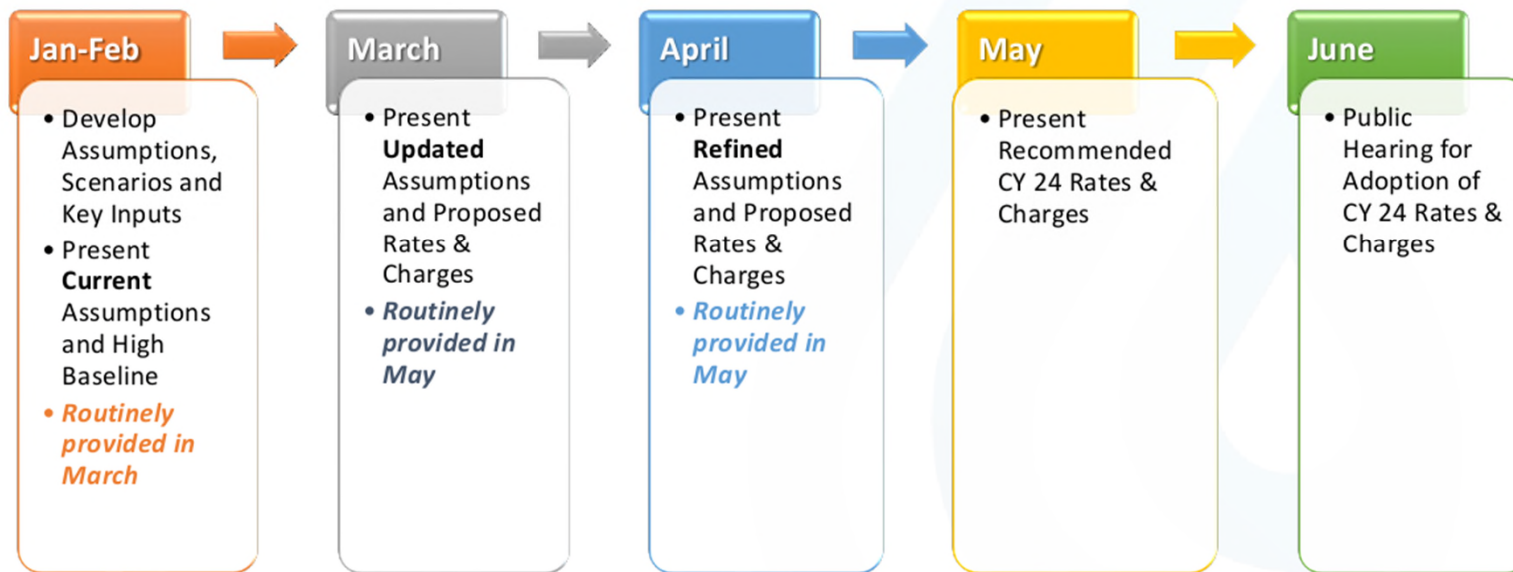
Budget Development Process



03/28/2022

CWA Budget Development Process

CY 2024 Rate Setting Process – Board Meeting Timeline



Important Factors to Consider

- SDCWA Budget process is two months earlier than normal.
- Final *recommended* rates in May and *approved* rates in June.
- There will be 4 budget workshops with the A & F Committee between now and May 18th.

SDCWA Estimated Rate Information

Metropolitan (MET) & County Water Authority Treated Water Rate				
Acre Foot Charge	Rate	Rate	Change	% of
	1/1/2023	1/1/2024	per Ac. Ft.	Change
MET Supply Rate				
MET Supply Rate	\$321	\$332	11	3.4%
MET System Access Rate	368	389	21	5.7%
MET System Power Rate	166	182	16	9.6%
<i>Subtotal</i>	855	903	48	5.6%
MET Treatment Surcharge	<u>354</u>	<u>353</u>	-1	-0.3%
Total MET Supply Cost	\$1,209	\$1,256	47	3.9%
	Rate	Rate	Change	% of
	1/1/2023	1/1/2024	per Ac. Ft.	Change
CWA's "All-in" Rate				
Melded Supply Rate	\$1,085	\$1,225	140	12.9%
Melded Treatment Rate	350	410	60	17.1%
Transportation Rate	<u>173</u>	<u>197</u>	24	13.9%
Cost of Treated Water	\$1,608	\$1,832	224	13.9%
Cost for Treated M&I	\$1,608	\$1,832	\$224	13.9%
CWA's PSAWR Rate				
Melded Supply Rate	\$1,085	\$1,225	140	12.9%
Less: Agricultural Credit Programs				
(1) CWA/PSAWR Program (Supply Cost Benefit)	-230	-322	92	0.0%
Melded Treatment Rate	350	410	60	17.1%
Transportation Rate	<u>173</u>	<u>197</u>	24	13.9%
Net PSAWR Ag. Rate	\$1,378	\$1,510	132	6.1%

03/28/2022

SDCWA 2023/24 Estimated Melded Rate

- SDCWA Rate Changes each January
- Final SDCWA rate used in Budget Assumptions is based on a melded formula
 - Total Estimated Water Purchases between July – December X 2023 rate
 - Total Estimated Water Purchases between January – June X 2024 rate
- Using the VERY PRELIMINARY estimated water purchases for 2023/24 the Preliminary Estimated melded rate Yuima will pay for water is
 - Non-PSAWR Water Rate \$1,699.22 / acre foot
 - PSAWR Water Rate \$1,431.76 / acre foot

These are NOT Yuima's customer rates but the PRELIMINARY estimated rate Yuima will pay to buy imported water.

Yuima Budget Drivers

- Costs out of Yuima's Control
 - Cost of Supplies
 - Supply Chain Issues
 - Rising Fuel Costs
 - Rising Energy Costs
 - Regulatory requirements
- Costs within Yuima's Control
 - Staffing Needs
 - Infrastructure Maintenance
 - CIP Projects
 - Financial & Operational Stability

BUDGET PROCESS

1. Discussion, assessment and determination of district needs for staffing, operations, capital projects, and other operating / administrative recommendations. March / April

2. Calculate current year projections March / April
 - Project water consumption and purchases for remainder of current fiscal year.
 - Project Revenue and Expenses for remainder of current fiscal year.
 - Board input on Fiscal Year goals
 - Review additional assumptions necessary for rough draft Budget.
 - At this point in time CWA water and fixed charge rates are estimates and not adopted rates.
 - Enter information into Rate Model and determine rate information needed for Prop 218 notice.
 - This year's Prop 218 notice must be mailed by May 12, 2023.

3. Continue to develop budget, incorporation of Board direction and goals and prepare presentation for first review of Budget April / May
 - Finalize rate estimates and issue Prop 218 Notice.
 - Adjust for any changes in CWA rate estimates if available.
 - First review of Budget – May Board Meeting.

4. Make any necessary changes to budget that arise from first review of draft budget. June
 - Second Review of Budget – June Board Meeting.
 - Rate Hearing and Approval of Budget – June Board Meeting.

ORDINANCE NO. _____

**ORDINANCE OF THE BOARD OF DIRECTORS
OF THE YUIMA MUNICIPAL WATER DISTRICT
INSTITUTING A CROSS CONNECTION CONTROL PROGRAM
TO PROTECT THE PUBLIC WATER SYSTEM
AND RESCINDING ORDINANCE NO. 138-22**

The Board of Directors of the Yuima Municipal Water District does ordain as follows:

Section 1. Purpose/Responsibility/Authority. The purpose of this Ordinance is to reduce the hazard of contamination of the public water system against contamination by identifying actual or potential cross-connections and taking action to protect the system from these hazards. This is accomplished by installing backflow prevention assemblies where hazards are identified, eliminating existing connections between drinking water systems, and other sources of water that are not approved as safe and potable for human consumption, eliminating cross-connections between drinking water systems and sources of contamination, and preventing the making of cross-connections in the future.

This Ordinance is adopted pursuant to the California Code of Regulations, Title 17, §7584, §7583-7586 and §7601-7605.

Section 2. Prohibition. It is unlawful for any person, firm, or corporation at any time to make or maintain, or cause to be maintained, a temporary or permanent cross-connection between water supply appurtenances being served by the District and any other source of water supply which, by reason of their construction, may cause or allow backflow of water or other substances into the water supply system of the District or of any customer of the District.

Section 3. Definitions.

- A. Air-Gap Separation: The term “air-gap separation” means a physical break between a supply pipe and a receiving VESSEL. The air-gap shall be at least double the diameter of the supply pipe, measured vertically, above the top rim of the vessel, and in no case less than one inch. Wherever used in this Ordinance, the term “air-gap separation” shall mean an installation inspected and approved according to the requirements of this ordinance.

- B. Approved Backflow Prevention Assembly: The term "approved backflow prevention assembly" shall mean an assembly which has passed laboratory and field evaluation tests performed by a recognized testing organization which has demonstrated their competency to perform such tests to the State Water Resources Control Board.
- C. Approved Water Supply: The term "approved water supply" means any water supply whose potability is regulated by a State or local health agency.
- D. Auxiliary Supply: The term "auxiliary supply" means any water supply on or available to the premises other than the approved water supply.
- E. AWWA Standard: The term "AWWA Standard" means an official standard developed and approved by the American Water Works Association (AWWA).
- F. Backflow: The term "backflow" shall mean a flow condition, caused by a differential in pressure, that causes the flow of water or other liquids, gases, mixtures or substances into the distributing pipes of a potable supply of water from any source or sources other than an approved water supply source. Back siphonage is one cause of backflow. Back pressure is the other cause.
- G. Contamination: The term "contamination" means a degradation of the quality of the potable water by any foreign substance which creates a hazard to the public health, or which may impair the usefulness or quality of the water.
- H. Cross-Connection: The term "cross-connection" as used in this Ordinance means any unprotected actual or potential connection between a potable water system used to supply water for drinking purposes and any source or system containing unapproved water or a substance that is not or cannot be approved as safe, wholesome, and potable. By-pass arrangements, jumper connections, removable sections, swivel or changeover assemblies, or other assemblies through which backflow could occur, shall be considered to be cross-connections.
- I. Days: The term days shall mean calendar days
- J. District: The term "District" means the Yuima Municipal Water District, San Diego County, California.
- K. Double Check Valve Assembly: The term "double check valve assembly" means an assembly of two internally loaded, independently acting check valves, including resilient seated shut-off valves on each end of the assembly and test cocks for testing the water tightness of each check valve.
- L. Health Agency: The term "health agency" means the State Water Resources Control Board, or the local health agency with respect to a small water system.

- M. Local Health Agency: The term "local health agency" means the San Diego County Department of Environmental Health.
- N. Manager: The term "Manager" means the General Manager or Assistant General Manager of the District or their designated representative.
- O. Person: The term "person" means an individual, corporation, company, association, partnership, municipality, public utility, or other public body or institution.
- P. Premises: The term "premises" means any and all areas on a water user's property which are served or have the potential to be served by the public water system.
- Q. Recycled Water: The term "Recycled water" means a wastewater which, as a result of treatment, is suitable for uses other than potable use.
- R. Reduced Pressure Principle Backflow Prevention Assembly: The term "reduced pressure principle backflow prevention assembly" means an assembly incorporating two internally loaded, independently operating check valves and an automatically operating differential relief valve located between the two checks, including resilient seated shutoff valves on each end of the assembly, and equipped with necessary test cocks for testing the assembly.
- S. Service Connection: The term "service connection" refers to the point of connection of a user's piping to the water supplier's facilities.
- T. Water Supplier: The term "water supplier" means the person who owns or operates the approved water supply system.
- U. Water User: The term "water user" means any person obtaining water from the District's water supply system.

Section 4. Title 17, §7584 Regulation Requirements

Section 7584 of the California Code of Regulations requires that each public water system have a cross connection control program that includes the following elements:

- A. The adoption of operating rules or ordinances to implement the cross-connection program.
- B. The conducting of surveys to identify water user premises where cross connections are likely to occur.

- C. The provisions of backflow protection by the water user at the user's connection or within the user's premises or both.
- D. The provisions of at least one person trained in cross-connection control to carry out the cross-connection control program.
- E. The establishment of a procedure of system for testing backflow preventers.
- F. The maintenance of records of locations, tests, and repairs of backflow preventers.

Section 5. Cross Connection Protection Requirements.

A. General Provisions.

1. Unprotected cross-connections with the public water supply are prohibited.
2. Whenever backflow protection is determined by the District to be necessary, the water user shall install an approved backflow prevention assembly at his/her expense. User compliance is an express condition of continued water service or establishment of a new water service connection.
3. Wherever backflow protection has been found in the judgment of the Manager to be necessary on a water supply line entering a water user's premises, then any and all water supply lines from the District's mains entering such premises, buildings, or structures shall be protected by an approved backflow prevention assembly. The type of assembly to be installed will be in accordance with the requirements of this ordinance.

B. Where Protection is Required.

1. Each service connection from the District water system for supplying water to premises having an auxiliary water supply shall be protected against backflow of water from the premises into the public water system.
2. Each service connection from the District water system for supplying water to any premises on which any substance is handled in such fashion as may allow its entry into the water system shall be protected against backflow of the water from the premises into the public system. This shall include the handling of process waters and waters originating from the District water system which have been subjected to deterioration in sanitary quality.

3. Backflow prevention assemblies shall be installed on the service connection to any premises having (a) internal cross-connections that cannot be permanently corrected and controlled to the satisfaction of the state or local health department and the District, or (b) intricate plumbing and piping arrangements or where entry to all portions of the premises is not readily accessible for inspection purposes, making it impracticable or impossible to ascertain whether or not cross-connections exist.

C. Type of Protection Required.

1. The type of protection that shall be provided to prevent backflow into the approved water supply shall be in accordance with the degree of hazard that exists on the consumer's premises. The type of protective assembly that may be required (listing in an increasing level of protection) includes: Double Check Valve Assembly (DC), and Reduced Pressure Principle Backflow Prevention Assembly (RP or RPDA for fire meters), and an Air-Gap Separation (AG). The minimum types of backflow protection required to protect the public water supply, at the water user's connection to premises are shown in Table 1 from Title 17, §7604. Situations which are not covered in Table 1 shall be evaluated on a case-by-case basis and the appropriate protection device shall be determined by the water supplier.

Table 1

Minimum Type of Backflow	
Degree of Hazard	Prevention
(a) Sewage and Hazardous Substances	
(1) Premises where there are waste water pumping and/or treatment plants and there is no interconnection with the potable water system. This does not include a single-family residence that has a sewage lift pump. A RP may be provided in lieu of an AG if approved by the health agency and water supplier.	AG
(2) Premises where hazardous substances are handled in any manner in which the substances may enter the potable water system. This does not include a single-family residence that has a sewage lift pump. A RP may be provided in lieu of an AG	AG

	if approved by the health agency and water supplier.	
	(3) Premises where there are irrigation systems into which fertilizers, herbicides, or pesticides are, or can be, injected.	RP
(b) Auxiliary Water Supplies		
	(1) Premises where there is an unapproved auxiliary water supply which is interconnected with the public water system. A RP or DC may be provided in lieu of an AG if approved by the health agency and water supplier.	AG
	(2) Premises where there is an unapproved auxiliary water supply and there are no interconnections with the public water system. A DC may be provided in lieu of a RP if approved by the health agency and water supplier.	RP
(c) Recycled Water		
	(1) Premises where the public water system is used to supplement the recycled water supply.	AG
	(2) Premises where recycled water is used, other than as allowed in paragraph (3), and there is no interconnection with the potable water system.	RP
	(3) Residences using recycled water for landscape irrigation as part of an approved dual plumbed use area established pursuant to sections 60313 through 60316 unless the recycled water supplier obtains approval of the local public water supplier, or the State Water Resources Control Board if the water supplier is also the supplier of the recycled water, to utilize an alternative backflow protection plan that includes an annual inspection and annual shutdown test of the recycled water and potable water systems pursuant to subsection 60316(a).	DC
(d) Fire Protection Systems		
	(1) Premises where the fire system is directly supplied from the public water system and there is an unapproved auxiliary water supply on or to the premises (not interconnected).	DC

	(2) Premises where the fire system is supplied from the public water system and interconnected with an unapproved auxiliary water supply. A RP may be provided in lieu of an AG if approved by the health agency and water supplier.	AG
	(3) Premises where the fire system is supplied from the public water system and where either elevated storage tanks or fire pumps which take suction from private reservoirs or tanks are used.	DC
	(4) Buildings where the fire system is supplied from the public water system and where recycled water is used in a separate piping system within the same building.	DC
(e) Dockside Watering Points and Marine Facilities		
	(1) Pier hydrants for supplying water to vessels for any purpose.	RP
	(2) Premises where there are marine facilities.	RP
(f) Premises where entry is restricted so that inspections for cross-connections cannot be made with sufficient frequency or at sufficiently short notice to assure that they do not exist.		RP
(g) Premises where there is a repeated history of cross-connections being established or re-established.		RP

Section 6. Backflow Prevention Assemblies.

A. Approved Backflow Prevention Assemblies.

1. Only backflow prevention assemblies which have been approved by the District shall be acceptable for installation by a water user connected to the District's potable water system.
2. The District will provide, upon request, to any affected customer, a list of AWWA approved backflow prevention assemblies.

B. Backflow Prevention Assembly Installation.

1. Backflow prevention assemblies shall be installed in a manner prescribed in Section 7603, Title 17 of the California Code of Regulations. Location of the assemblies should be as close as practical to the user's connection. The District shall have the final authority in determining the required location of a backflow prevention assembly.

- a. Air-Gap Separation (AG). The air-gap separation shall be located on the user's side of and as close to the service connection as is practical. All piping from the service connection to the receiving tank shall be above grade and be entirely visible. No water use shall be provided from any point between the service connection and the air-gap separation. The water inlet piping shall terminate a distance of at least two (2) pipe diameters of the supply inlet, but in no case less than one (1) inch above the overflow rim of the receiving tank.
- b. Reduced Pressure Principle Backflow Prevention Assembly (RP). The approved reduced pressure principle backflow prevention assembly shall be installed on the user's side of and as close to the service connection as is practical. The assembly shall be installed so that it is readily accessible for maintenance and testing. Water supplied from any point between the service connection and the RP assembly shall be protected in a manner approved by the District.
- c. Double Check Valve Assembly (DC). The approved double check valve assembly shall be located as close as practical to the user's connection and shall be installed above grade, if possible, and in a manner where it is readily accessible for testing and maintenance. If a double check valve assembly is put below grade, it must be installed in a vault such that there is a minimum of six inches (6") between the bottom of the vault and the bottom of the assembly, so that the top of the assembly is no more than a maximum of eight inches (8") below grade, so there is a minimum of twenty-four inches (24") of clearance between the side of the assembly with the test cocks and the side of the vault, and so there is a minimum of twelve inches (12") clearance between the other side of the assembly and the side of the vault. Special consideration must be given to double check valve assemblies of the "Y" type. These assemblies must be installed on their "side" with the test cocks in a vertical position so that either check valve may be removed for service without removing the assembly. Vaults which do not have an integrated bottom must be placed on a three-inch (3") layer of gravel.

C. Backflow Prevention Assembly Testing and Maintenance.

1. It shall be the responsibility of the water user to install all required assemblies in accordance with the AWWA approved specifications. It is also the responsibility of the user to have the initial certification, and certified inspections thereafter once per year. These inspections and

tests shall be at the expense of the water user and shall be performed by an approved certified tester. It shall be the duty of the District to see that these timely tests are made. These devices shall be repaired, overhauled, or replaced at the expense of the water user whenever said devices are found to be defective. Records of such tests, repairs, and overhaul shall be submitted to the District on standard maintenance form (Exhibit A). Any approved backflow prevention assembly shall be the property of the water user and District shall have no responsibility or liability for the cost of operation, maintenance, repair or replacement thereof.

2. The District will supply affected water users with a list of persons acceptable to the District to test backflow prevention assemblies. The District will notify affected customers by mail when annual testing of an assembly is needed and also supply users with the necessary forms which must be filled out each time an assembly is tested or repaired. The backflow prevention assembly tester shall provide both the water user and the District with a copy of the test results.
 - a. Annual Certification Notices will be mailed to the customer 90 days before the expiration of the current certification.
 - b. If annual certification has not been received within 60 days of initial notification, a second notice will be mailed.
 - c. Second notice will advise the customer that if certification is not received before expiration of current certification possible interruption of water service may occur.
 - d. If Customer fails to obtain a current and valid certification by the required deadline, the District will issue a "Water Service Termination" notice. Notice will allow a final 15 days to perform the certification or be subject to termination. Customer will be responsible for all fees associated with issuing Termination Notice, and the locking off and / or restoration or water service resulting from failure to comply with requirements.
 - e. District approved Backflow Prevention Assembly tester list will be established in the following manner.
 - i. District will research available Backflow Prevention Assembly testers within San Diego and Riverside Counties.
 - ii. District will request the following documentation from testers.
 - a. Individual must possess an unexpired "American Water Works Association" or an "American Backflow Prevention Association" Backflow Protection Assembly Tester certification.
 - b. Individual must provide three references for whom backflow testing services have been provided.
 - c. Must provide a current calibration certificate for the test gauge used in testing.

- iii. The District will create a list of these approved testers, including their contact information, to the water user.
- iv. District will track the expiration dates of the certified testers and request proof of re-certification within a reasonable time prior to the expiration of the current certification.
- f. The District shall adhere to all requirements in Section 6, C of this Ordinance relative to any backflow protection assembly devices owned by the District and installed on District facilities.

D. Backflow Prevention Assembly Removal.

1. Approval must be obtained from the District before a backflow prevention assembly is removed, relocated or replaced.
 - a. Removal. The use of an assembly may be discontinued and the assembly removed from service only upon determination by the District that a hazard no longer exists or is not likely to be created in the future;
 - b. Relocation. An assembly may be relocated following confirmation by the District that the relocation will continue to provide the required protection and satisfy installation requirements. A retest will be required following the relocation of the assembly;
 - c. Repair. An assembly may be removed for repair, provided the water use is either discontinued until repair is completed and the assembly is returned to service, or the service connection is equipped with other backflow protection approved by the District. A retest will be required following the repair of the assembly; and
 - d. Replacement. An assembly may be removed and replaced provide the water use is discontinued until the replacement assembly is installed. All replacement assemblies must be in compliance with this Ordinance, approved by the District, and commensurate with the degree of hazard involved.

E. Upgrading of Existing Backflow Prevention Devices.

The Manager may require the water user to upgrade an existing backflow prevention assembly which, in the opinion of the Manager, is a type that does not provide adequate protection for the degree of potential hazard which exists on the customer's premises. The upgraded shall be at customer's expense and may include complete replacement and relocation of the backflow prevention assembly, and or the installation of additional devices.

Section 7. Administrative Procedures.

A. Water System Survey

1. The District shall review all requests for new services to determine if backflow protection is needed. Plans and specifications must be submitted to the District upon request for review of possible cross-connection hazards as a condition of service for new service connections. If it is determined that a backflow prevention assembly is necessary to protect the public water system, the required assembly must be installed before service will be granted.
2. The District may require an on-premise inspection to evaluate cross-connection hazards. The District will notify the affected water user for the need of inspection. If, in the judgment of the Manager, an approved backflow prevention device is required at any metered water service connection for the safety of the District system, the Manager shall give notice in writing to the affected water user to install an approved backflow prevention device at each of such water user's metered water service connections. Within the time prescribed by the Manager, the water user shall install such approved device or devices at the water user's own expense; and failure, refusal or inability on the part of the water user to install said device or devices shall immediately constitute a ground for discontinuing water service to such metered water service connections until such device or devices have been properly installed.
3. The District may, at its discretion, require a reinspection for cross-connection hazards of any premise to which it serves water. The District will notify the affected water user for the need of inspection. Any water user who cannot or will not allow an on-premise inspection of his/her piping system shall be required to install the backflow prevention assembly the District considers necessary.
4. All water user systems shall be open for inspection at all reasonable times to authorized representatives of the District to enable the District to ascertain the existence of cross-connection or other structural or sanitary hazards, including violations of this Ordinance. When such a condition becomes known, the Manager shall deny or immediately discontinue service to the premises by providing for a physical break in the service line until the customer has corrected the condition(s) in conformance with State laws and District ordinances relating to plumbing and water supplies, and with regulations adopted pursuant thereto.

B. Customer Notification - Assembly Installation

1. The District will notify the water user of the survey findings, listing the corrective actions to be taken if any are required. A period of thirty (30) days will be given to complete all corrective actions required, including installation of backflow prevention assemblies.
2. A second notice will be sent to each water user who does not take the required corrective actions prescribed in the first notice within the thirty-day period allowed. The second notice will give the water user fifteen (15) days to take the corrective action. The notice shall state that if no action is taken within the fifteen (15) day period, the District will terminate water service to the affected water user until the required corrective actions are taken.
3. The District may provide additional notification as it deems necessary.

C. Customer Notification - Testing and Maintenance

1. The District will notify each affected water user when it is time for the backflow prevention assembly installed on their service connection to be tested. The notice shall contain the following information:
 - a. The service location and account number (or other appropriate identification number).
 - b. A statement that the water user is responsible for providing for the routine maintenance, repair, and testing.
 - c. That the testing requirement is made under the authority of the California Water Code section 35423, California Code of Regulations, Title 17, and of this Ordinance.
 - d. A deadline of 90 days by which the assembly must be tested and repaired if necessary.
 - e. That if the water user fails to test or repair an assembly within the time period required by the notice, the District may terminate water service to the affected water user.
 - f. The District contact person, including address and phone number.
 - g. A report form for the water user to use to submit the test results.
 - h. A list of certified or approved assembly testers.
2. A second notice shall be sent to each water user which does not have his/her backflow prevention assembly tested as prescribed in the first notice within the 30-day period allowed. The second notice will give the water user a fifteen (15) day period to have his/her backflow prevention assembly tested. This notice shall include the following information.
 - a. A reiteration of the cross-connection hazards found on the user's, and the required corrective actions.

- b. A second deadline of fifteen (15) days for either correcting the problem or scheduling an office hearing to explain why the requirements should be postponed or eliminated.
 - c. A statement of the District's intention to terminate water service to the user's premises should the user fail to comply with the new deadline.
 - d. Information regarding the extra charges the user will have to pay to reestablish water service after it is terminated.
3. The District may provide additional notification as it deems necessary. If no action is taken within the prescribed time period, the District may terminate water service to the affected water user until the subject assembly is tested.

D. Water Service Termination

When the District encounters water uses that represent a clear and immediate hazard to the potable water supply that cannot be immediately abated, or a customer is not in compliance with the Ordinance and there is a basis for termination, the District shall institute the procedure for discontinuing the District water service.

1. **Basis for Termination:** Service of water to any premises shall not be placed in service by the District unless the District system is protected, as required by State laws and regulations and by this Ordinance. Service of water to any premises shall be immediately discontinued by the District if a backflow prevention assembly required by this Ordinance is not installed, tested, and maintained, or if it is found that a backflow prevention assembly has been removed, bypassed, or if any unprotected cross-connection exists on the premises, or a direct or indirect connection between the public water system and a system or equipment containing contaminants, or an unprotected direct or indirect connection between the public water system and an auxiliary water system, and a situation which presents an immediate health hazard to the public water system. **Service will not be restored until such conditions or defects are corrected.**
2. **Termination Procedure:** The District shall make a reasonable effort to advise the water user of intent to terminate water service; including the posting of a 48-Hour Lock Off Notice on the premises. After 48 hours the District shall terminate water service and lock off the water meter. **Service will not be restored until correction of the violations has been approved by the District.**

E. Maintenance of Records

The District shall maintain such records so as to be able to effectively manage a cross-connection control program. The records shall include the following information for each backflow prevention assembly in the water system:

1. Identification information:
 - Name
 - Address
 - Account number (or other identification number)
 - Responsible person
2. The date of the most recent cross-connection survey performed at this location
3. Type of hazard(s)
4. Location of assembly
5. Type of assembly; including make, model, size, serial number, recommended frequency of testing
6. Record of testing and repairs
7. Comments, notes on any problems with the assembly.

Records shall also be kept on surveys made of premises where no backflow protection was required.

All records shall be maintained for a minimum of three (3) years.

Section 8. Charges.

1. The Board of Directors shall establish, and may from time to time alter, a schedule of fees and charges to offset the District's costs incurred under this Ordinance. It shall be the policy of the District that the water user whose premises cause the need to protect the District water supply shall be responsible to cover the cost of that protection, including the District's costs. Fees and charges may include, but are not limited to:

- a. The cost to initially determine the need for protection and the type of backflow assembly required.
- b. The cost to annually review compliance with this Ordinance, including any costs of inspection, testing, and certification.
- c. The cost to disconnect and/or reconnect a service because of noncompliance with this Ordinance.

d. Any costs incurred by District in connection with the operation, maintenance and repair or replacement of a backflow assembly.

Section 9. Severability. If any section, subsection, subdivision, paragraph, sentence, clause, phrase of this Ordinance, or any part thereof, is for any reason held to be invalid, such decision shall not affect the validity of the remaining portions of this Ordinance or any part thereof. The Board hereby declares that it would have passed each section, subsection, subdivision, paragraph, sentence, clause, or phrase thereof, irrespective of the fact that any one or more sections, subsections, subdivisions, paragraphs, sentences, clauses, or phrases be declared invalid.

Section 10. Effective Date. The Ordinance shall take effect and be in force immediately upon its adoption.

NOW, THEREFORE, BE IT, ORDAINED, APPROVED AND ORDERED by the Board of Directors of the Yuima Municipal Water District this 27th day of March, 2023, by the following roll-call vote:

AYES:
NOES:
ABSENT:
ABSTAINED:

Don Broomell, Secretary/Treasurer

ATTEST:

Roland Simpson, President

Customer Name _____ Type of Device _____ Make of Device _____ Size ____ Model No. _____ Serial Number _____ Wtr Meter Serial No. _____	YUIMA MUNICIPAL WATER DISTRICT P.O. BOX 177 • PAUMA VALLEY, CA 92061 (760) 742-3704 email: yuima@yuimamwd.com FIELD TESTING & MAINTENANCE REPORT FORM <i>(This section for District use)</i> ACCT. NO. _____ APP _____ LOCATION OF DEVICE _____
---	--

TESTER NAME _____	CERTIFICATION NUMBER(S) _____
TEST KIT SERIAL NO. _____	CALIBRATION DATE _____ TYPE _____

Reduced Pressure Principle Assembly				
Double Check Valve Assembly				
	Check Valve #1	Check Valve #2	Differential Pressure Relief Valve	Pressure Vacuum Breaker
INITIAL TEST	1. CLOSED TIGHT <input type="checkbox"/> RP _____ PSID 2. LEAKED <input type="checkbox"/>	1. CLOSED TIGHT <input type="checkbox"/> RP _____ PSID 2. LEAKED <input type="checkbox"/>	OPENED AT _____ PSID DID NOT OPEN <input type="checkbox"/>	AIR INLET OPENED AT _____ PSID DID NOT OPEN <input type="checkbox"/>
REPAIRS	CLEANED <input type="checkbox"/> REPLACED: <input type="checkbox"/> DISC <input type="checkbox"/> SPRING <input type="checkbox"/> GUIDE <input type="checkbox"/> PIN RETAINER <input type="checkbox"/> HINGE PIN <input type="checkbox"/> SEAT <input type="checkbox"/> DIAPHRAGM <input type="checkbox"/> OTHER <input type="checkbox"/> DESCRIBE: _____ APPARENT _____ ACTUAL _____	CLEANED <input type="checkbox"/> REPLACED: <input type="checkbox"/> DISC <input type="checkbox"/> SPRING <input type="checkbox"/> GUIDE <input type="checkbox"/> PIN RETAINER <input type="checkbox"/> HINGE PIN <input type="checkbox"/> SEAT <input type="checkbox"/> DIAPHRAGM <input type="checkbox"/> OTHER <input type="checkbox"/> DESCRIBE: _____	CLEANED <input type="checkbox"/> CLEANED SENSING LINE(S) <input type="checkbox"/> REPLACED: <input type="checkbox"/> DISC <input type="checkbox"/> UPPER <input type="checkbox"/> LOWER <input type="checkbox"/> SPRING <input type="checkbox"/> DIAPHRAGM <input type="checkbox"/> LARGE: <input type="checkbox"/> UPPER <input type="checkbox"/> LOWER <input type="checkbox"/> SMALL <input type="checkbox"/> SEAT <input type="checkbox"/> UPPER <input type="checkbox"/> LOWER <input type="checkbox"/> SPACER <input type="checkbox"/> LOWER <input type="checkbox"/> OTHER <input type="checkbox"/> DESCRIBE: _____	CHECK VALVE HELD AT _____ PSID LEAKED <input type="checkbox"/> <hr/> CLEANED <input type="checkbox"/> REPLACED: <input type="checkbox"/> AIR INLET <input type="checkbox"/> DISC <input type="checkbox"/> CHECK DISC <input type="checkbox"/> AIR LINLET <input type="checkbox"/> SPRING <input type="checkbox"/> CHECK SPRING <input type="checkbox"/> OTHER <input type="checkbox"/> DESCRIBE: _____
FINAL TEST	RP _____ PSID CLOSED TIGHT <input type="checkbox"/>	RP _____ PSID CLOSED TIGHT <input type="checkbox"/>	OPENED AT _____ PSID REDUCED PRESSURE	AIR INLET _____ PSID CHECK VALVE _____ PSID

IF REPAIRS - TEST AFTER REPAIRS: PASSED ____ FAILED ____	Date Test Passed _____ Time of Day _____ Weather Conditions _____ Line Pressure _____ P.S.I.
Testers Firm _____ Address _____ City _____ Phone _____ I CERTIFY THE ABOVE DATA TO BE CORRECT SIGNED _____ <i>(Form must be dated and signed to be acceptable to District)</i>	IT IS THE RESPONSIBILITY OF THE OWNER OF THE DEVICE TO RETURN THIS FORM. NO OTHER FORM WILL BE ACCEPTED. THE DEVICE LISTED HEREON IS NOT TO BE REMOVED OR RELOCATED WITHOUT THE PERMISSION OF THE DISTRICT.

III.
CLOSED SESSION

IV.
INFORMATION / REPORTS

GENERAL MANAGER'S NEWS & NOTES

MONTHLY NEWS & UPDATES

TOP NEWS

New MWD Board Leadership Launches Process to Plan for Climate Change

On February 13 and 14 the Metropolitan Water District of Southern California (MWD) Board held a retreat in Temecula to strengthen understanding of each other and of the needs of the agencies the board represents to build agreement about water supply resilience, affordability and equity under change conditions, including climate change. The retreat was kicked-off with the process that will ultimately result in advancing strategies for an equitable and resilient water future and was held under MWD's new board leadership led by Chair Adán Ortega, who assumed his position in January. All four of the Water Authority's MWD Delegates—MWD Board Secretary Lois Fong-Sakai, MWD Board Vice Chair for Finance, Audit, and Planning Gail Goldberg, MWD Colorado River negotiations ad hoc committee Chair Marty Miller, and MWD Finance, Audit, Insurance, and Real Property Committee Chair Tim Smith—participated.

Goldberg played a key role in the retreat and delivered opening remarks. She set the stage for the retreat's importance in serving as MWD's first step in reexamining its planning processes given changed conditions and better understanding MWD's member agencies, including their challenges, concerns, successes, and need for MWD services.

The retreat included several breakout session discussions, each designed to enlist better understanding of agencies' needs. A MWD consultant also reported on the findings

of a survey of MWD's board members and member agency managers. This survey focused on board governance and dynamics, member agency relations, priorities, and regional leadership. Goldberg underscored that the survey results, coupled with the board's breakout sessions, fostered "understanding what other member agencies need," which will enable the board to continue the thoughtful dialogue and understanding of the whole. During the board's discussion following the breakout sessions, several board members commented about the need for MWD to be reliable and affordable. The Delegates brought to light that the San Diego region has invested in its reliability ahead of many and this investment should be recognized as MWD moves forward in investing in reliability for those that have not yet done so.

On the heels of the retreat, Ortega sent an email reiterating his commitment to bring the board together despite "a cloud of past differences [that] still hovers threatening to limit our ability to adapt to the changed climate" and to meet "the climate challenges that are upon us." Like Goldberg, Ortega expressed optimism that the board could work together, saying "the open and collegial conversation at the Board Retreat showed that we need not shy away from differing viewpoints." For more information on the retreat, see the [February 2023 MWD Delegates' Report](#).



MWD board members, including all four of the Delegates, and MWD General Manager Adel Hagekhalil at the MWD board retreat

TOP NEWS

Water Authority Celebrates Engineers Week

In celebration of Engineers Week (February 19-25), the Water Authority highlighted its engineering staff and the critical work they do in a series of social media posts and videos.

Founded by the National Society of Professional Engineers, National Engineers Week is dedicated to ensuring a diverse and well-educated future engineering workforce by increasing understanding of and interest in engineering and technology careers.

“I love my job because no two projects are ever the same and they all offer unique challenges and opportunities,” said Emma Ward-McNally, construction manager at the Water Authority.

Follow the Water Authority on Instagram ([@sdcwa](https://www.instagram.com/sdcwa)) to see more pictures and videos.



and Yorba Linda Water District.

Water Authority Board Secretary Frank Hilliker welcomed guests to the reception and highlighted Ortega's strength of bringing people together. During his remarks, Ortega promoted unity and collaboration across the MWD service area in the face of a changing climate and the challenges it brings to managing the region's water resources.

Water Authority MWD Delegates Gail Goldberg, Marty Miller, and Tim Smith also attended the celebration along with Santa Fe Irrigation District Board Vice President Dana Frieauf, Vista Irrigation District Board President Jo MacKenzie, Water Authority General Manager Sandy Kerl, and staff from Otay Water District, Santa Fe Irrigation District, and the Water Authority. Water Authority MWD Program Director Amy Chen served on the planning committee to coordinate the reception with the Orange County partners.



Water Authority Board Secretary Hilliker welcoming guests to the January 31 reception celebrating MWD Chair Ortega

San Diego & Orange County Community Celebrated Newly Seated MWD Chair

The Water Authority and several Orange County water agencies jointly hosted a reception celebrating newly seated Metropolitan Water District of Southern California (MWD) Chair Adán Ortega on January 31 in Laguna Hills. More than 125 water industry leaders and professionals, elected officials and their representatives, and community leaders celebrated Chair Ortega at the event. Orange County host agencies included Mesa Water District, Moulton Niguel Water District, Orange County Water District, Santa Margarita Water District,



Elected officials, including Water Authority Board Secretary Hilliker, Water Authority board members Marty Miller and Tim Smith, Santa Fe Irrigation District Board Vice President Dana Frieauf, and Vista Irrigation District Board President Jo MacKenzie at the January 31 reception celebrating MWD Chair Adán Ortega

TOP NEWS

Colorado River Board Highlighting Member Agencies; San Diego Region Up Next

The Water Authority's Colorado River Board of California (CRB) representative and CRB Vice Chair Jim Madaffer, and Water Authority staff, visited the Coachella Valley Water District's (CVWD) groundwater replenishment ponds and operation facilities on a tour hosted by CVWD following the regular monthly CRB meeting held February 15. Under the leadership of Chair JB Hamby, the Imperial Irrigation District's representative, and Vice Chair Madaffer, the CRB monthly meetings are now being held at different member agency facilities on a rotating basis to build greater awareness of the work each agency does to serve their communities. The February meeting at CVWD was the first of these agency-focused sessions.

The March CRB meeting will focus on the San Diego region. Members will be in San Diego over two days for a tour and the monthly meeting. On March 14, on a tour organized by the Colorado River Program, CRB representatives will visit facilities that highlight the region's resiliency through investments in local water supplies and a diversified water portfolio. The CRB meeting will follow on March 15 and be held at the Water Authority's Kearny Mesa headquarters.



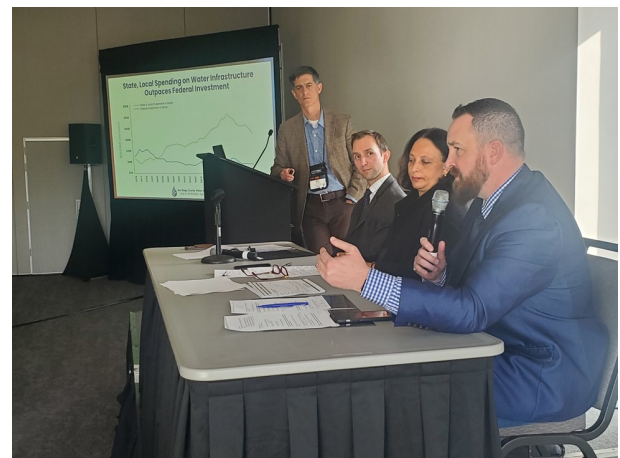
*Pictured is a Coachella Valley Water District (CVWD) groundwater replenishment pond, which is sustained by CVWD's Colorado River supplies, and helps maintain that region's critical water aquifer.
Photo by Water Resources Specialist Dennis Davis*

Water Authority Brings Together Experts on Water Affordability

The Water Authority's efforts to enhance water affordability reached all the way to Sacramento in early February, when two senior managers developed and participated in a statewide panel on the topic.

Rate & Debt Manager Pierce Rossum helped organize the panel for the California Society of Municipal Finance Officers annual conference on Feb. 1. Government Affairs Manager Meggan Valencia helped secure Assemblymember Devon Mathis (Porterville) for the panel, which also included Sophia Skoda from the East Bay Municipal Utility District. Water Authority Public Affairs Manager Mike Lee moderated the panel discussion, which focused on how water agencies can enhance and communicate affordability.

The session was called "Affordability's Hidden Price Tag," and it was attended by several dozen finance officers from across California. A major theme that emerged during the discussion including the importance of federal and state direct investment in water infrastructure – and how the decline of that money in recent decades has pushed greater costs onto local ratepayers. Panelists also discussed the importance of proactive asset management to avoid emergency bills, the complex challenges related to defining affordability, and the value of two-way communication with ratepayers about the costs and importance of "invisible infrastructure."



COMMUNITY OUTREACH

CalDesal's Annual Conference 2023 – A Waterfull Future

On February 16th and 17th, state leaders in seawater and brackish water desalination came together in Sacramento with other water utilities, equipment vendors, consultants, and regulators to discuss the future of desalination in California. CalDesal's annual conference packed a lot into the two days, covering regulatory and legislative perspectives, technological innovation, research, and recent successes in advancing both seawater and brackish water desalination projects.

This included a technical and regulatory panel and a walkthrough of the Water Authority's experience with the Carlsbad Desalination Plant being the first project permitted under the state's Ocean Plan Amendment. Pictured below, General Manager Sandy Kerl provided a glimpse behind the curtain on the three-year permitting process and the financial impact that came as a result of the new OPA regulations for seawater desalination intake and discharge systems. The message was clear: developing new water supplies can be balanced with protecting the environment, but there needs to be a clear understanding on how they are implemented up front and the residual impacts they carry. Sharing the Water Authority's 'lessons learned' at the Carlsbad Desalination Plant contributed to recent regulatory successes at both the South Coast Doheny and Monterey seawater desalination projects - and will continue supporting seawater and brackish water desalination development as an important part of the governor's state water supply strategy.

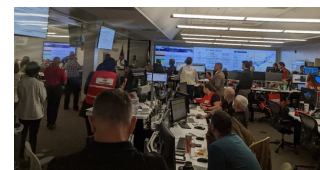


County Office of Emergency Services Full-scale Exercise Recap

The Water Authority, along with several member agencies, participated in the County Office of Emergency Services' full-scale exercise on February 2nd. While these occur every few years, this year's exercise focused heavily on communications during a water related emergency. The event was planned over the course of a year and incorporated simulated situations, such as: multi-day flooding, multiple dams spilling and one overtopping, as well as a threat to the water system made over social media.

The Water Authority participated in multiple ways during the exercise. To start, we were part of the exercise planning and control team. At the County's Emergency Operations Center (EOC), we provided a representative for the simulation cell and activated our County EOC Liaison Officer position, taking the opportunity to train new staff in that role. Remotely, we activated our Public Information Officer (PIO) function to stay on top of social media (complete with mock social media platforms) and our control room staff fielded questions from other agencies' EOCs as well as our County Liaison and the State's Division of Drinking Water District Engineer. Last, but certainly not least, we participated in a County EOC Policy level call.

Within the County EOC, the crowd was large, the energy was high, and lots of good contacts were made. Real world technological challenges during the exercise added a bit of extra complexity to the day and in working through those we practiced alternative ways to gather and provide information.



COMMUNITY OUTREACH

Helix 9 Flow Control Facility is Nearing Completion of Design

The Helix 9 Flow Control Facility project is nearing completion of design. The project will demolish the existing below grade Helix 1 Flow Control Facility and replace it with a new above grade facility renamed as the Helix 9 Flow Control Facility. Water Authority Staff is designing the project with assistance from as-needed consultants for structural and electrical disciplines.

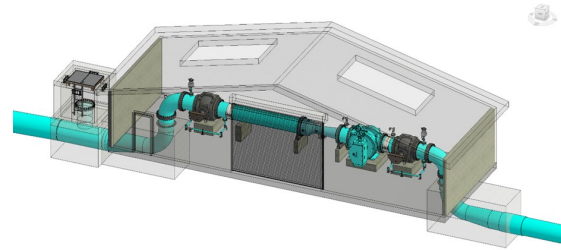
Originally named the Lakeside Control Station, the Helix 1 Flow Control Facility was constructed in 1947. The facility can deliver up to 35 cubic feet per second of untreated water to Helix Water District's RM Levy Water Treatment Plant. This facility is one of the oldest of its type operating in the Water Authority system. After more than 75 years of service, the building structure no longer meets build code requirements and the equipment has exceeded its operational life, requiring the facility to be completely replaced.



The project will construct a new above grade structure to house a new flow control valve, meter, and other piping equipment. The new facility will have improved access and safety measures for Operation and Maintenance crews. Water Authority Staff has also pre-procured two 30-inch isolation valves and one 30-inch throttling valve, which will be arriving ahead of construction later this year. Pre-procurement of long lead time items (like large valves) reduces the risk of delays and increased cost during construction.

The Helix 9 Flow Control Facility will also be the first to incorporate solar panels and backup battery power. The backup battery will have the capacity to provide seven days of facility operations without power from San Diego Gas and Electric. The solar panels will also provide the

daily power needed for operation; nearly eliminating energy demands for the new facility.



Water Authority Staff have completed a Member Agency Agreement with Helix Water District for the construction and operations of the new facility. The construction contract is expected to be awarded in the summer of 2023. Construction is scheduled to take approximate 18 months with the new facility expected to be in operation in spring of 2025.

Preliminary Investigations Underway for Proposed Energy Storage Facility

The proposed San Vicente Energy Storage Facility (SVESF) is a pumped-storage hydroelectric initiative being pursued by the Water Authority and the City of San Diego as joint owners. The project supports the State of California's



Figure 1 – San Vicente Reservoir

clean energy goals by using excess renewable energy during the day to pump water to an upper reservoir, then flowing that same water downhill to a lower reservoir during peak energy demand times to put energy back on the grid. The SVESF has the potential to produce 500 Megawatts of energy over an eight-hour period, providing power for up to 135,000 households. The facility would be located primarily underground and include a powerhouse cavern, water conveyance tunnels, access tunnels, inlet/outlet structures, a new upper reservoir, and the City of San Diego's existing San Vicente Reservoir as the lower reservoir, as shown in Figure 1.

COMMUNITY OUTREACH

Preliminary Investigations Underway for Proposed Energy Storage Facility, continued

Kiewit Infrastructure West Co. (KIWC), a member of the development team consisting of BHE Renewables, LLC (BHER) and Kiewit Development Company (KDC), entered into a Professional Services Agreement with the Water Authority in May 2022 to support preliminary project planning and initial field investigations. Since then, the KIWC team drafted preliminary engineering studies and started geotechnical site investigations. The geotechnical work started in January 2023 and is anticipated to complete by April 2023. The work includes three drill holes and five seismic refraction surveys in the location of the proposed water conveyance tunnels, underground powerhouse, and upper reservoir. The drill holes range in depth from 460-ft to 940-ft depending on the location. Information collected during the investigation will help inform the environmental review process and the Federal Energy Regulatory Commission (FERC) License Application for the proposed project. Drilling activities will provide subsurface data to support the design of the water conveyance tunnels, un-

derground powerhouse cavern, and the San Vicente Reservoir inlet/outlet.

The geotechnical work activities were conducted within Environmentally Sensitive Lands (ESL), including the City of San Diego's Multi-Habitat Planning Area and California Department of Fish and Wildlife's San Vicente Highlands preserve. To obtain the necessary approvals to perform this work, the Water Authority and the City of San Diego conducted cultural and biological surveys to identify sensitive resources. As a result, the KIWC team implemented a plan that minimized impacts to ESL. This included utilizing specialized boring equipment to limit ground and vegetation impacts, use of helicopters and boats for access, as seen in Figures 2 and 3, environmental monitoring, and implementing a post-activity revegetation program.

With the data obtained from these site investigations, the team will continue preliminary engineering, and initiate the regulatory licensing and environmental review process.



Figure 2 - Boat Access

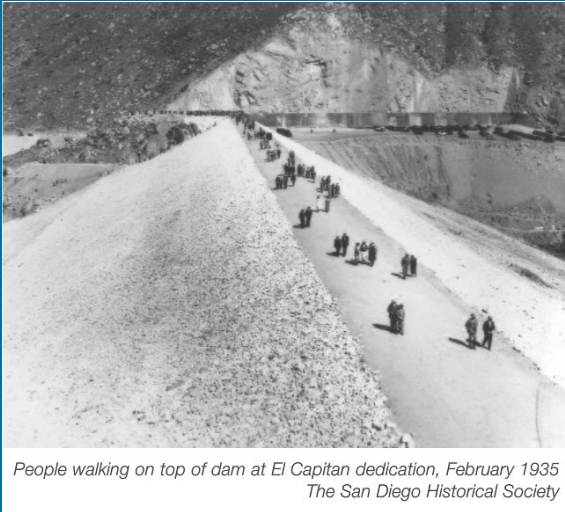


Figure 3 - Helicopter Access

HEADWATERS

Headline: A Century Ago, Clear Vision Creates Vital Reservoir

A century ago in the 1920s, the San Diego City Council struggled to find ways to develop its water supply to support its growth and prosperity. City Councilmember Fred Heilbron, supported by City Manager Fred Rhodes and City Attorney Shelley Higgins proposed building a dam east of Lakeside which would create a deep reservoir of “pure mountain water.” Another faction proposed a dam in the Mission Gorge area, but it lacked the capacity of the Lakeside proposal. A 1924 bond measure to fund the Mission Gorge option was defeated. Heilbron and his allies funded a silent movie contrasting what they saw as the superior option. Their film ended with a photo and this caption: “El Capitan Reservoir as it will appear when full of fresh, pure, unadulterated, sparkling, clear, and cold mountain water.” Local theaters showed the film during the week before the election. The result: a 3-to-1 victory at the polls for the larger dam. Before construction got underway, Councilmember Heilbron and two other incumbents lost re-election in 1927 due to a battle over a city tax increase. When the El Capitan Reservoir was formally dedicated on February 22, 1935, many people took credit for the accomplishment, but Councilmember Heilbron was conspicuous by his absence. The post-script: Heilbron became the first chairman of the new San Diego County Water Authority a decade later, serving nearly 30 years. Heilbron died at his Mission Hills home on February 14, 1973, at age 95. His many accomplishments including the El Capitan Reservoir were appropriately lauded.



El Capitan Reservoir

“Many people took credit for construction of the El Capitan Dam at its dedication on February 22, 1935, but it was former Water Authority chairman Fred Heilbron who deserves recognition.” Photo: San Diego Historical Society

*People walking on top of dam at El Capitan dedication, February 1935
The San Diego Historical Society*

YUIMA MUNICIPAL WATER DISTRICT ADMINISTRATIVE REPORT

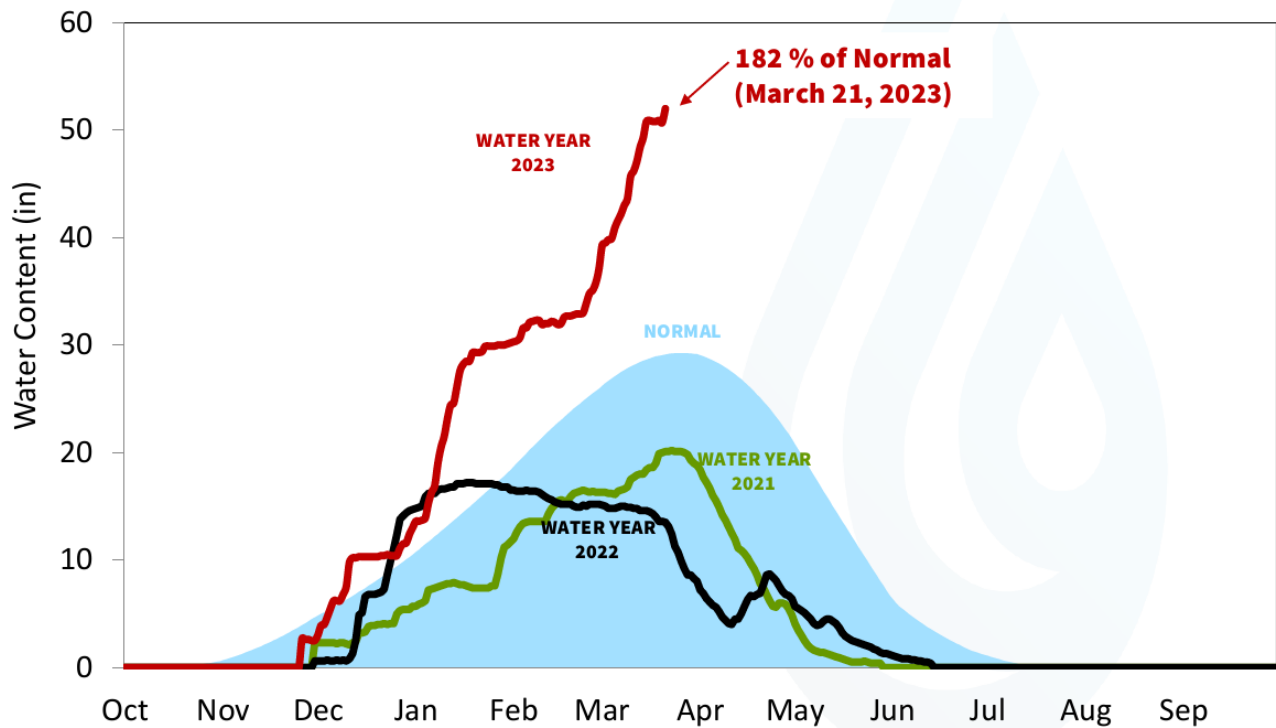
March 2023

Amy Reeh
General Manager

DISTRICT BUSINESS

Drought Situation – The state’s most recent rainfall and snowfall activity appears to be having a positive impact of the state’s drought condition as of March 3, 2023. The additional storms the state has seen since March 3rd will aid in the available water for the State Water Project. Although the Water Authority takes very little water off the State Water Project, it is important because Metropolitan Water will determine if there will be any cutbacks based on the SWP allocation. Currently the expected allocation is 35%; the allocation must reach 70% in order to avoid cutbacks. Please see more information below regarding cutback determination.

Northern Sierra Snowpack



Phillips Snow Station			
	<u>Snow Survey #1</u> (January 3, 2023)	<u>Snow Survey #2</u> (February 1, 2023)	<u>Snow Survey #3</u> (March 3, 2023)
Snow Depth	55.5"	85.5"	116.5
Snow Water Content	17.5"	33.5"	41.5
% of average	117	193	177

Possible Cutbacks – The State Water Project allocation to Metropolitan has been increased to 35% from the original 5% allocation; however, Metropolitan is still experiencing a shortage in core water supplies and has indicated that until the allocation reaches 70%, there will be an implementation of cutbacks. Metropolitan has activated its Water Supply Allocation Plan and is working with its member agencies in implementing this plan. These allocations may result in the Water Authority also allocating to its member agencies. These allocations are outlined in the Water Authorities Water Shortage Contingency Plan and the Permanent Special Agricultural Water Rate Program (PSAWR) handbook.

The PSAWR handbook indicates the following regarding potential cutbacks.

“To implement the Metropolitan allocation, a PSAWR Program base year is established using the most recently completed fiscal year, for which PSAWR Program data are available, and should represent a period in which allocations did not occur. Once Metropolitan’s allocation cutback percentage is established, it is applied to the base year PSAWR demands to calculate member agencies allocations. Each member agency is responsible for staying within its PSAWR Program allocation regardless of whether the member agency allows customers to leave the PSAWR Program during the allocation.”

Currently, Metropolitan is considering the following options for determining a base year:

1. Using 13-14 as the base year.
2. Using 18-19 as the base year.
3. Letting its member agencies choose their own base year.

The Water Authority is gathering data from member agencies to provide to Metropolitan and any cutbacks will begin in July 2023.

Current Lake Mead Levels are at 1046.02 feet as of March 24, 2023. This represents a decrease of 1.45 feet since the February Board meeting but is still down 16.83 feet from this same time last year.

Lake Mead Water Level

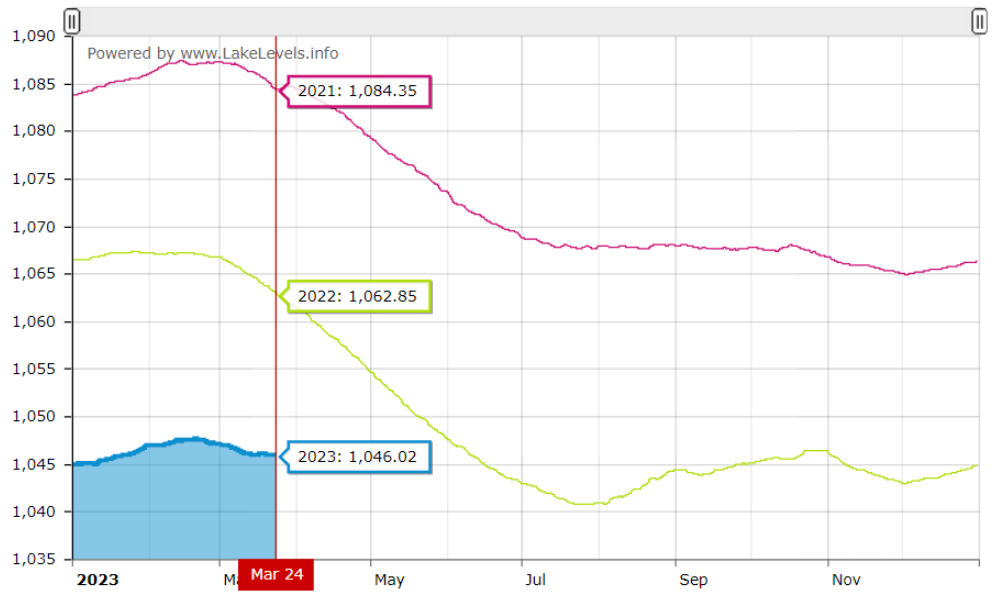
WATER LEVEL
1,046.02
 Feet MSL

Friday, March 24, 2023
 11:00:00 AM
 Level is 182.98 feet
 below full pool of 1,229.00

Share the level with your friends on Facebook

How high will it go?

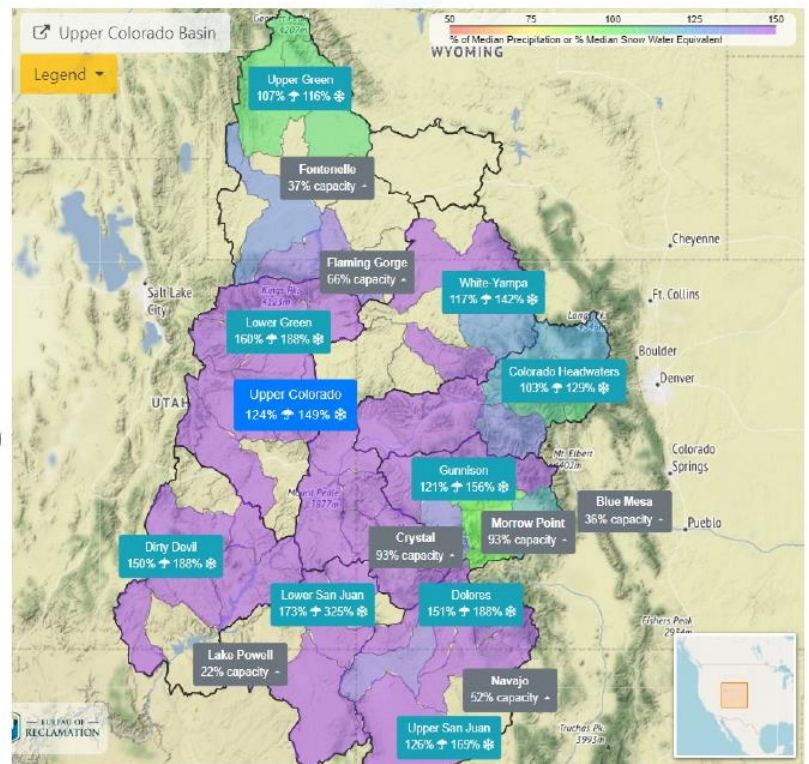
Get email notification of your specified level
Level Alert By Email
 click here to register IT'S FREE!



Colorado River Basin Conditions

As of March 21, 2023

- Precipitation 124% of normal
- Snow water equivalent 149% of normal
- Lake Mead 28% full (7.4 MAF)
- Lake Powell 23% full (5.3 MAF)



Groundwater Sustainability Plan

There is no update to the approval of the Groundwater Sustainability Plan at this time. The final Groundwater Sustainability Plan was submitted to DWR on January 31, 2022. DWR is reviewing the submission. The 45-day comment period ended on April 30, 2022, and a total of three (3) comments posted to the SGMA Portal, all of which were duplicates of comments received during the GSA's 45-day public comment period. It is unknown when the GSA will receive notification as to whether the Plan is approved, requires revisions (which allows 180 days to complete) or is denied. District staff will monitor the comments received and work with the members of the GSA to address and respond as necessary.

ANNEXATIONS/NEW SERVICE REQUESTS

There is no update to the annexation. Staff is still working to address the easement concerns at this time. Pauma Valley Water Company (PVWC): PVWC has voted to move forward with the annexation. Consultants continue to work through the plan details. A comment period on the draft engineering report was conducted and Yuima submitted a long list of comments addressing many concerns. Most important of those comments was the issue regarding Yuima's supply and storage capacity that was recently brought to light with the SWRCB's renewal of Yuima's operating permit and action items. More information on this can be found in the operations report. Another fatal flaw in the draft engineering report is that a water impact study has been requested but has not been received. We need to ensure that our infrastructure is not negatively affected by the requirement to serve the new domestic parcels. Yuima has indicated that these issues must be resolved in the design process of the project. Finally, the other significant issue is one of Yuima easements. Yuima requires dedicated easements for its pipelines and the report indicated that Yuima would be making use of existing PVWC easements a right of way. Addressing these problems is all part of the process and Staff will continue to work the problem to resolution.

LEGISLATIVE NEWS AND CONCERNS:

The current concern among water districts in the county and across the state is the not only the cost of water but state budget deficits that may make receiving grant funding more difficult. There is a lot of legislation that is being implemented in regards to water use efficiency standards and the cost to districts to implement those standards. At this time it appears that Yuima water use falls outside of the implementation requirement, although this could change as they continue to finalize the requirements.

The overall optics is that that there is a lot of push from regulatory agencies for more and more control over water in the state; both in regards to water quality and water supply. Please see the attached regulatory update provided by the SDCWA regarding some of these issues.



Member Agency State Regulatory Monthly Update Water Resources Department March 2023

Long-Term Urban Water Use Efficiency Standard (Elizabeth Lovsted)

On **March 22, 2023**, the State Water Resources Control Board (SWRCB) will hold a public workshop on the [Making Water Conservation a California Way of Life regulation](#). At the workshop, SWRCB staff will provide an overview of the proposed regulatory framework. The SWRCB will also take public comments and may provide guidance and direction to staff. The SWRCB anticipates beginning the formal rulemaking process in May. The regulation will set efficiency standards and performance measures for urban retail water suppliers.

Drought Conservation Reporting (Elizabeth Lovsted)

On January 1, 2023, the SWRCB issued a [Drought & Conservation Technical Reporting Order](#) that requires all water systems, including those operated by urban water suppliers, to report monthly information on sources, supply and demand, supply augmentation and demand reduction actions on a quarterly frequency. The complete submittal of monthly reports in 2023 will satisfy the 2024 Electronic Annual Report's section on supply and demand reporting. The report covering January, February, and March will be due **April 30, 2023**, and must be submitted using the new web-based reporting tool, [SAFER Clearinghouse](#).

Advanced Clean Fleets Regulation (Jesica Cleaver)

On February 13, 2023, the California Air Resources Board (CARB) held a public workshop to discuss [proposed changes](#) to the draft Advanced Clean Fleets Regulation which sets requirements for public fleets to transition to zero-emission vehicles. CARB expects to release draft preliminary language for public comment in March 2023 and to hold a board adoption meeting in late April 2023. In the coming weeks, the Water Authority will draft comments on the proposed regulation for member agency input.

DDW Priorities for Drinking Water Regulation Development (Lesley Dobalian)

On March 8, 2023, the SWRCB [adopted](#) priorities for DDW regulation development in 2023 that include:

- Maximum Contaminant Levels (MCLs) for chromium-6, arsenic, PFAS, NDMA, disinfection byproducts, styrene, cadmium, and mercury
- Direct potable reuse, on-site reuse, and cross-connection control regulations
- Lead and Copper Rule updates
- Electronic reporting of drinking water quality data
- Notification and response levels for harmful algal blooms, PFAS, and manganese

Federal Regulation of PFAS (Jesica Cleaver)

PFAS National Primary Drinking Water Regulations

The U.S. Environmental Protection Agency (USEPA) released the proposed PFAS National Primary Drinking Water Regulation Maximum Contaminant Levels (MCLs). The proposal, if finalized, would regulate PFOA and PFOS individually, and will regulate four other PFAS (PFNA, PFHxS, PFBS, and GenX Chemicals) as a mixture.

- **PFOA and PFOS:** The proposed MCL for PFOA and PFOS is **4 parts per trillion**.
- **PFNA, PFHxS, PFBS, and GenX Chemicals:** EPA is proposing a regulation to limit any mixture containing one or more of PFNA, PFHxS, PFBS, and/or GenX Chemicals. For these PFAS, water systems would use an established approach called a hazard index calculation, defined in the proposed rule, to determine if the combined levels of these PFAS pose a potential risk.



The USEPA will host a webinar for drinking water professionals on the proposed regulation on [March 29, 2023](#). The Water Authority is participating in WateReuse and ACWA committees to develop comments on the draft proposed regulation.

Funding

The USEPA has announced the availability of \$2 billion from the Bipartisan Infrastructure Law (BIL) to address emerging contaminants in drinking water, like PFAS. The funding will be available through the [Emerging Contaminants in Small or Disadvantaged Communities Grant Program](#). The funds can be used for infrastructure and source water treatment for pollutants, like PFAS, and for water quality testing.

Listening Session on Lead Service Line Inventory Funding (Jesica Cleaver)

The USEPA allocated \$250 million to the SWRCB for the Drinking Water State Revolving Fund Lead Service Line Replacement Program. The Division of Financial Assistance is considering dedicating up to 10% of those funds to help water systems contract with third parties to conduct their utility and customer-side service line inventories. The SWRCB will hold a [listening session](#) on **April 4, 2023**, to discuss options to assist water systems and receive feedback.

Proposal for a New Recycled Water Permit Fee (Mina Ziaei)

The SWRCB is seeking legislative authority to assess new fees for recycled water permits through a state budget change proposal (BCP). The BCP would also increase new permanent staff positions by 28 to work on planning and permitting new water supplies for recycled water, brackish groundwater, seawater desalination, and stormwater capture and use. On March 9, 2023, Water Authority staff attended an initial stakeholder meeting on water quality fees that included discussion on the proposed recycled water fees. Water Authority staff will be engaged on this issue through WateReuse CA and will monitor for potential impacts to local supply projects.

Direct Potable Reuse (DPR) Regulation Update (Lesley Dobalian)

The SWRCB plans to release draft DPR regulations for public comment as part of a formal rulemaking process in spring 2023. Adoption is tentatively scheduled for the end of 2023, with an effective date in 2024. Water Authority staff are participating through WateReuse CA in its DPR Working Group and its newly-formed Potable Reuse Permitting & Compliance Committee that will meet on **March 29, 2023**. WateReuse CA has made it a priority to advocate for a broad alternatives clause in the regulation to support future innovation/research and to adapt to changes.

State Revolving Fund (SRF) Advisory Group (Mina Ziaei)

The SWRCB is leading a new SRF Advisory Group to receive input on potential improvements to the SRF. SWRCB staff are seeking input on administration of the Intended Use Plans, general process improvements for applying to the SRF, eligibility lists, and policy amendments to the Drinking Water and Clean Water SRFs, including potential changes to future scoring criteria. ACWA has convened a SRF workgroup to provide input to the SWRCB.

Staff Contacts

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RAINFALL RECORD 2022/2023 YUIMA SHOP

Location: 34928 Valley Center Road, Pauma Valley @ 1050' elevation

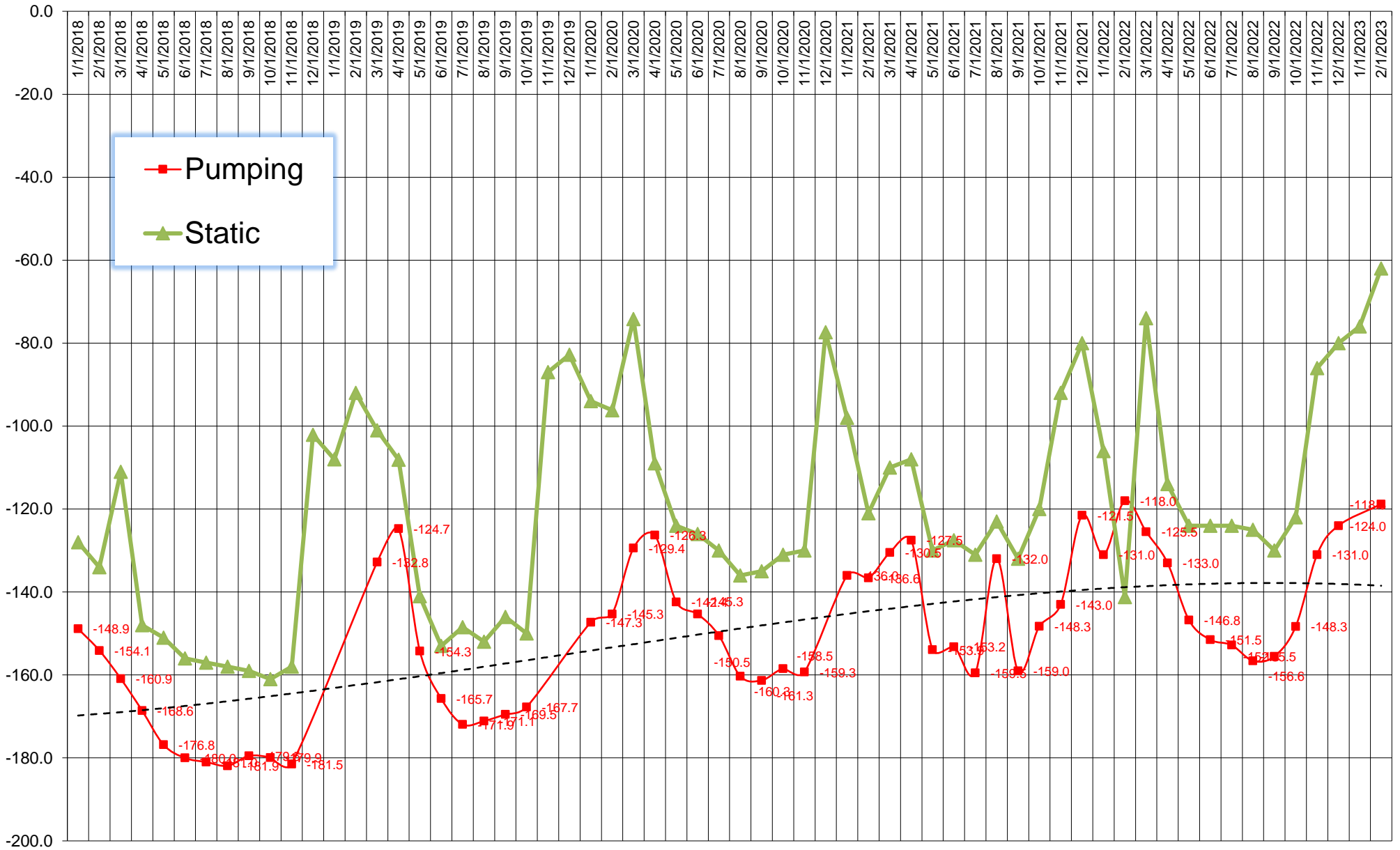
	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23		
1							2.36							
2.00			0.75		0.05		0.05							
3					0.05		0.21							
4							0.03							
5							0.44							
6														
7					0.04									
8				0.01	1.54									
9			0.34	0.01	0.28									
10							0.79							
11			0.19											
12			0.03					0.09						
13														
14				0.02			1.90	0.15						
15				0.35			0.75							
16							1.19							
17														
18														
19							0.03							
20														
21								0.20						
22				0.08				0.02						
23				0.08				0.18						
24														
25								0.32						
26								0.04						
27						0.25		0.02						
28						0.38								
29							0.10							
30						0.02	0.16							
31						0.09								
TOTALS	0.00	0.00	1.31	0.55	1.96	1.48	8.01	1.02	0.00	0.00	0.00	0.00	TOTAL YEAR	14.33
1987/88 (B)	0.00	0.00	0.00	2.60	4.17	1.20	2.97	2.23	0.97	6.95	0.40	0.00		21.49
1988/89 (B)	0.00	1.25	0.00	0.00	1.36	4.78	1.38	3.25	0.60	0.25	0.43	0.00		13.30
1989/90 (B)	0.00	0.00	1.03	0.50	0.00	0.55	4.45	2.65	0.92	3.22	0.95	1.10		15.37
1990/91	0.32	0.93	0.00	0.16	0.83	0.85	1.30	2.60	13.10	0.20	0.00	0.00		20.29
1991/92	0.70	0.00	0.40	0.85	0.30	1.90	3.25	5.60	5.30	0.15	0.50	0.00		18.95
1992/93	0.00	1.75	0.00	1.55	0.00	5.10	17.25	8.60	1.55	0.00	0.00	0.70		36.50
1993/94	0.00	0.00	0.00	0.25	2.35	0.90	1.20	4.60	5.30	2.00	0.20	0.00		16.80
1994/95	0.00	0.00	0.00	0.40	0.80	0.75	9.35	3.00	9.40	2.00	0.75	1.10		27.55
1995/96	0.10	0.00	0.00	0.00	0.20	0.85	1.50	3.50	2.30	0.50	0.00	0.00		8.95
1996/97	0.00	0.00	0.00	0.00	4.55	2.40	6.35	0.75	0.00	0.00	0.00	0.00		14.05
1997/98	0.00	0.00	2.10	0.10	2.45	2.10	3.70	10.95	4.05	3.30	3.05	0.15		31.95
1998/99	0.00	0.00	1.15	0.00	2.45	1.36	1.93	1.00	0.80	2.32	0.05	0.50		11.56
1999/2000	0.25	0.00	0.10	0.00	0.10	0.25	0.60	5.20	1.55	0.95	0.45	0.00		9.45
2000/2001	0.00	0.00	0.05	0.98	0.45	0.00	2.80	6.20	1.70	1.70	0.50	0.00		14.38
2001/2002	0.00	0.00	0.00	0.00	1.35	1.90	0.60	0.15	1.80	0.65	0.00	0.00		6.45
2002/2003	0.00	0.00	0.20	0.00	2.85	3.60	0.25	6.40	3.45	2.10	0.65	0.00		19.50
2003/2004	0.00	0.40	0.00	0.00	1.55	1.55	0.70	4.25	0.75	1.05	0.00	0.00		10.25
2004/2005	0.00	0.40	0.00	7.20	1.55	4.55	8.70	6.60	1.75	1.05	0.10	0.00		31.90
2005/2006	0.50	0.00	0.10	1.85	0.00	0.50	1.75	2.45	3.55	2.65	0.50	0.00		13.85
2006/2007	0.00	0.20	0.30	0.40	0.05	1.40	0.50	2.70	0.30	0.80	0.10	0.00		6.75
2007/2008	0.00	0.25	0.00	0.20	0.50	5.30	5.80	3.80	0.60	0.00	1.00	0.00		17.45
2008/2009	0.00	0.00	0.00	0.00	1.60	4.95	0.05	4.45	0.30	0.75	0.00	0.00		12.10
2009/2010	0.00	0.00	0.00	0.00	1.10	3.65	7.45	4.00	0.55	2.60	0.00	0.00		19.35
2010/2011	0.20	0.00	0.00	3.15	1.45	8.60	1.25	4.40	2.65	0.30	0.40	0.05		22.45
2011/2012	0.00	0.00	0.15	0.65	2.65	1.20	1.15	2.05	2.25	3.15	0.10	0.00		13.35
2012/2013	0.00	0.00	1.50	0.40	0.45	2.70	1.50	1.25	1.70	0.10	0.40	0.00		10.00
2013/2014	0.28	0.00	0.00	1.48	0.15	0.40	0.25	0.95	2.95	0.80	0.00	0.00		7.26
2014/2015	0.00	0.20	1.00	0.00	1.00	4.90	0.70	0.90	1.60	0.75	1.20	0.50		12.75
2015/2016	1.90	0.30	1.70	0.35	0.90	2.65	3.40	1.15	1.50	0.75	0.40	0.00		15.00
2016/2017	0.00	0.00	1.00	0.16	1.75	4.37	7.17	6.05	0.20	0.00	1.34	0.00		22.04
2017/2018	0.07	0.12	0.13	0.00	0.00	0.00	3.18	0.88	2.55	0.01	0.12	0.00		7.06
2018/2019	0.00	0.00	0.00	1.27	2.51	1.63	2.34	7.98	1.68	0.40	1.83	0.12		19.76
2019/2020	0.00	0.00	0.30	0.00	4.17	2.46	0.17	0.64	5.39	5.96	0.03	0.20		19.32
2020/2021	0.00	0.00	0.00	0.07	1.52	0.79	1.09	0.06	1.55	0.51	0.10	0.02		5.71
2021/2022	1.27	0.30	0.17	0.99	0.00	4.16	0.31	0.53	2.26	0.20	0.19	0.00		10.38
35 Year Average	0.16	0.17	0.33	0.73	1.35	2.41	3.04	3.48	2.48	1.37	0.45	0.13		16.09

Yuima Municipal Water District - Production/Consumption Report

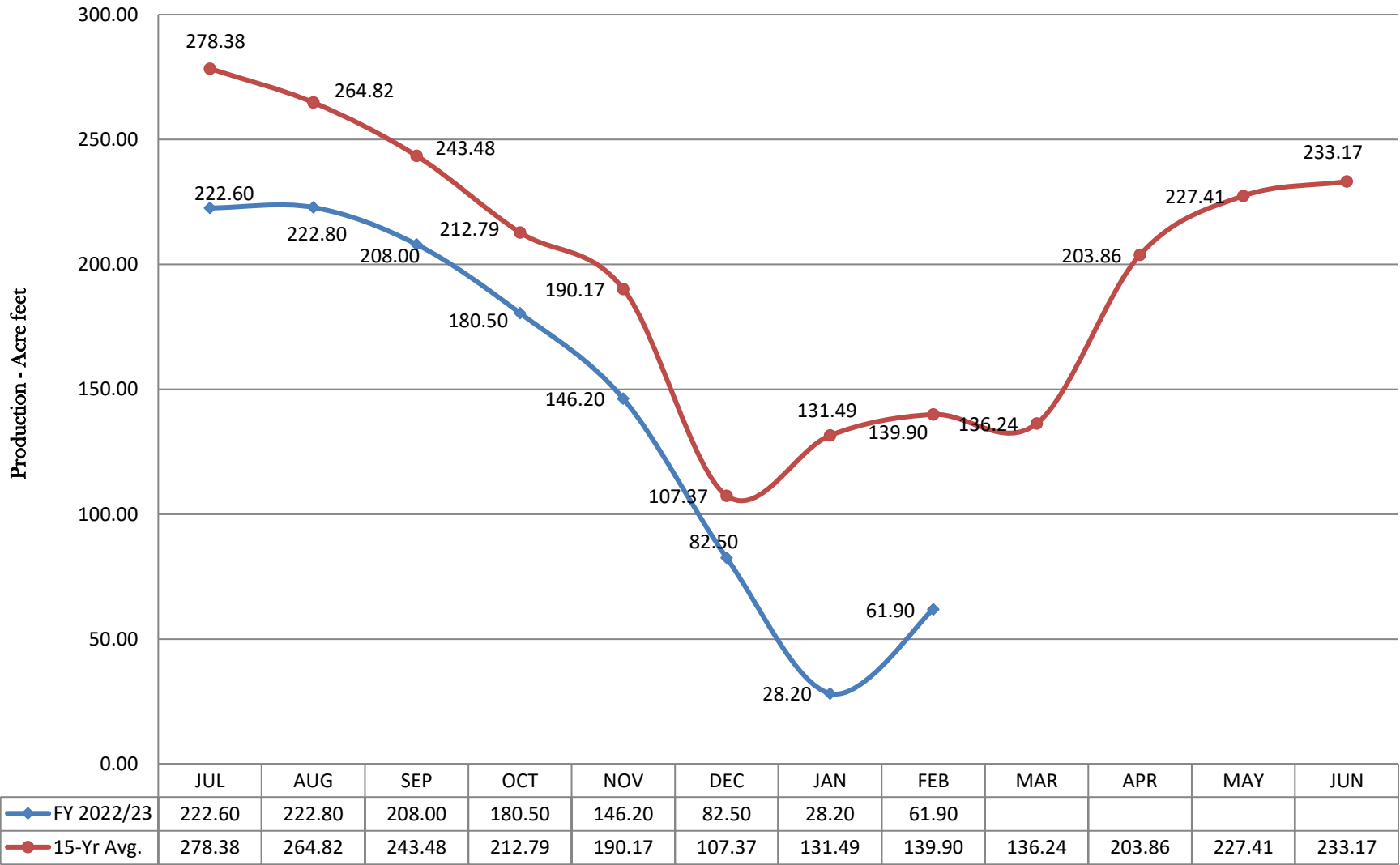
YUIMA GENERAL DISTRICT			FISCAL		CALENDAR	
	Feb-23	Jan-23	2022-23	2021-22	2023	2022
Produced and Purchased Water						
11-1590 IDA	0.0	0.0	22.0	7.5	0.0	22.0
10-1009 SDCWA	36.8	28.0	2891.7	5151.2	64.8	4850.5
10-1001 SCHOEPE	0.0	0.2	17.3	70.8	0.2	56.0
Total Produced and Purchased	36.8	28.2	2931.0	5229.5	65.0	4928.5
Consumption						
CUSTOMERS GENERAL DISTRICT	23.7	11.4	1078.4	1879.3	35.1	1780.4
10-2100 TAP 1	1.9	4.9	592.1	1276.6	6.8	1122.2
10-1590 TAP 2	3.7	9.1	838.7	1174.0	12.8	1222.4
10-1200 TAP 3	8.8	6.0	471.5	914.9	14.8	883.8
Total Consumption - Yuima	38.1	31.4	2980.7	5244.8	69.5	5008.8
Storage Level Changes	-0.9	0.6	-3.6	2.3	-0.3	-1.0
Slippage - Acre Feet	-2.2	-2.6	-53.3	-13.0	-2.6	-81.3
Slippage %	-6.0	-9.2	-1.8	-0.2	-4.0	-1.7
IMPROVEMENT DISTRICT "A"						
Produced Strub Zone Wells						
20-2012 RIVER WELL 12	9.0	2.9	154.3	246.7	11.9	287.5
20-2091 RIVER WELL 19A	10.1	2.1	146.2	402.4	12.2	321.3
20-2020 RIVER WELL 20A	11.1	3.9	143.8	160.4	15.0	239.2
20-2025 RIVER WELL 25	6.8	2.4	129.5	307.3	9.2	281.8
20-2022 FAN WELL 22	5.8	1.8	105.1	160.1	7.6	198.6
Total Produced Strub Zone Wells	42.8	13.1	678.9	1276.9	55.9	1328.4
Produced Fan Wells						
20-2007 WELL 7A	0.0	0.0	0.0	0.0	0.0	0.0
20-2000 WELL 10	0.0	0.0	0.0	0.0	0.0	0.0
20-2014 WELL 14	0.4	0.1	105.0	248.5	0.5	230.6
20-2017 WELL 17	0.2	0.4	32.4	122.4	0.6	84.1
20-2018 WELL 18	0.0	0.0	15.5	14.9	0.0	16.9
20-2023 WELL 23	0.0	0.0	0.0	26.4	0.0	0.2
20-2024 WELL 24	0.1	0.0	42.3	70.5	0.1	62.2
20-2029 WELL 29	0.2	0.0	58.1	109.5	0.2	109.3
20-20410-500 HORIZONTAL WELLS	12.5	14.2	86.2	115.3	26.7	120.2
Code K Usage WELL USE AGREEMENTS ("K")	5.7	0.4	134.3	232.5	6.1	241.1
Total Produced Fan Wells	19.1	15.1	473.8	940.0	34.2	864.6
Total Produced Strub and Fan Wells	61.9	28.2	1152.7	2216.9	90.1	2193.0
Purchased Water						
10-2100 TAP 1	1.9	4.9	592.1	1276.6	6.8	1122.2
90 minus 20-2008 TAP 2	3.7	8.9	838.5	1174.0	12.6	1222.4
10-1200 TAP 3	8.8	6.0	471.5	914.9	14.8	883.8
Total Purchased Water	14.4	19.8	1902.1	3365.5	34.2	3228.4
Total Produced and Purchased	76.3	48.0	3054.8	5582.4	124.3	5421.4
Consumption						
CUSTOMERS IDA	59.6	31.8	2848.4	5289.4	91.4	5141.9
Interdepartmental to Y	0.0	0.0	22.0	7.5	0.0	22.0
Total Consumption - IDA	59.6	31.8	2870.4	5296.9	91.4	5163.9
Storage Level Changes	-2.8	1.4	-1.6	2.5	-1.4	2.6
Slippage - Acre Feet	13.9	17.6	182.8	288.0	31.5	260.1
Slippage %	18.2	36.7	6.0	5.2	25.3	4.8
Combined General District and IDA						
PRODUCED YUIMA	36.8	28.2	2931.0	5229.5	65.0	4928.5
PRODUCED IDA	61.9	28.2	1152.7	2216.9	90.1	2193.0
Total Produced and Purchased	98.7	56.4	4083.7	7446.4	155.1	7121.5
Consumption	83.3	43.2	3948.8	7176.2	126.5	6944.3
Storage Level Changes	-3.7	2.0	-5.2	4.8	-1.7	1.6
Slippage - Acre Feet	11.7	15.0	129.5	275.0	28.9	178.8
Slippage %	11.8	26.6	3.2	3.7	18.6	2.5

Notes: Horizontal Wells 9.8AF into the creek Wells 14, 17, 29 to creek 0.75AF

Yuima Municipal Water District
River Well Static (21A) and Pumping Levels
For Yuima Wells No. 12, 19A, 20A and 25
(Increasing Inverse = improving water levels)
Pumping and Static Levels (feet below ground level)
(Updated February 2023) 2018-Current



Yuima Municipal Water District
 Monthly Production of District Owned Wells
 Updated February 2023



YUIMA MUNICIPAL WATER DISTRICT

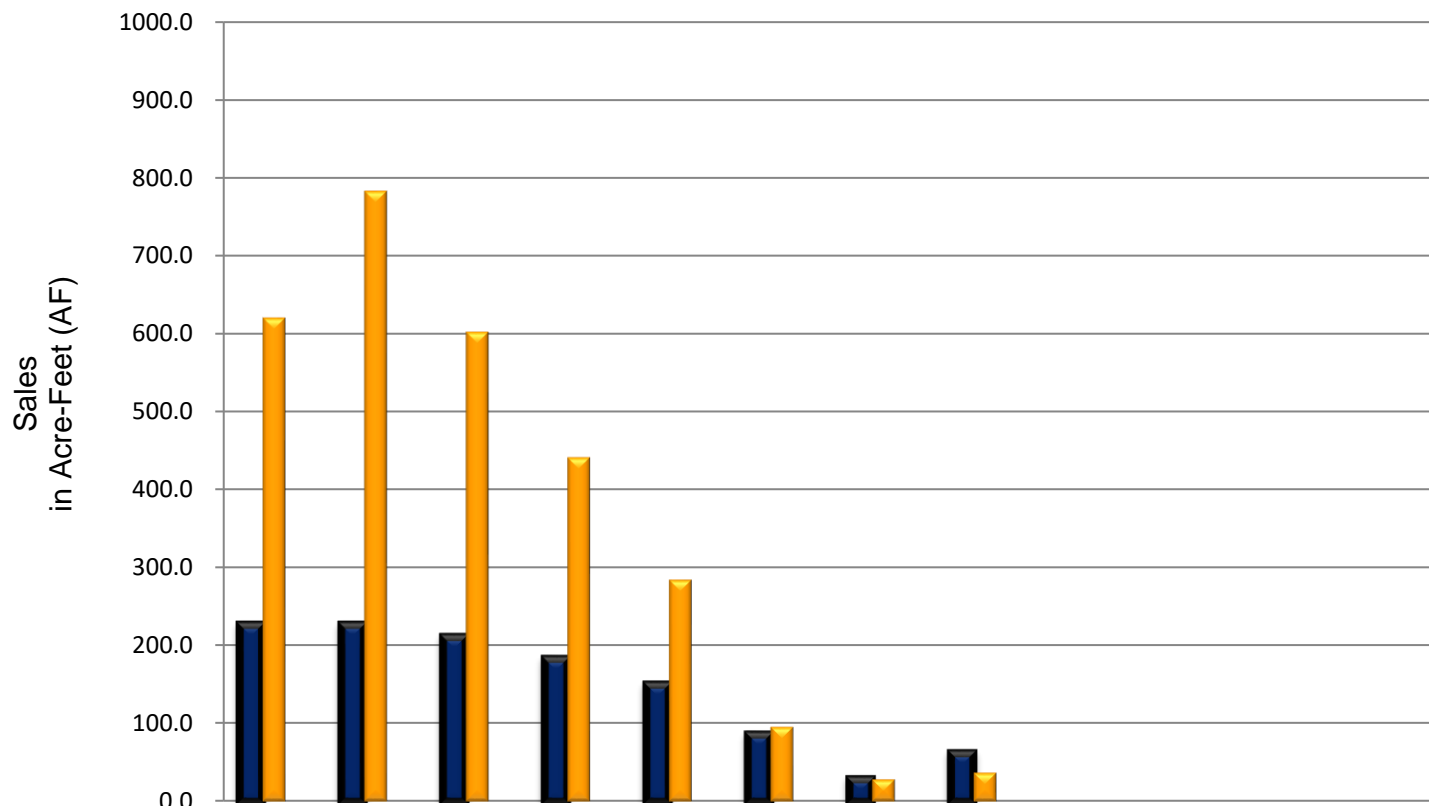
REPORT OF DISTRICT WATER PURCHASED AND PRODUCED

	Month Comparative One (1) Year Ago			Fiscal Year to Date Comparatives		
	Feb-23	Feb-22	%CHANGE	2022/23	2021/22	%CHANGE
LOCAL SUPPLY	61.9	199.5	-69.0%	1192.0	1432.0	-16.8%
AUTHORITY	36.8	303.4	-87.9%	2891.7	3540.1	-18.3%
TOTAL PRODUCED & PURCHASED	98.7	502.9	-80.4%	4083.7	4972.1	-17.9%
CONSUMPTION	83.3	487.8	-82.9%	3948.8	4763.1	-17.1%
% LOCAL	62.7%	39.7%	23.0%	29.2%	28.8%	0.4%
%AUTHORITY	37.3%	60.3%	-23.0%	70.8%	71.2%	-0.4%

FISCAL YEAR ENDING JUNE 30 COMPARATIVES

	2022	2021	2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009
LOCAL SUPPLY	2295.2	2571.6	2311.7	1688.5	2107.5	2058.1	2334.3	2726.6	3145.7	4199.9	4353.8	3356.5	2858.8	3729.7
AUTHORITY SUPPLY	5151.2	5610.9	4684.7	4819.6	4780.9	4470.6	3621.1	4468.4	4596.1	2149.3	1183.6	1617.7	2521.8	2347.0
TOTAL PRODUCED & PURCHASED	7446.4	8182.5	6996.4	6508.1	6888.4	6528.7	5955.4	7195.0	7744.8	6349.2	5537.4	4974.2	5380.6	6076.7
CONSUMPTION	7176.2	7879.3	6727.3	6351.1	6629.8	6379	5887.8	7175.6	7591.1	6310.3	5486.9	4959.0	5310.8	5909.0
% LOCAL	30.8%	31.4%	33.0%	25.9%	30.6%	31.5%	39.2%	37.9%	40.6%	66.1%	78.6%	67.5%	53.1%	61.4%
% AUTHORITY	69.2%	68.6%	67.0%	74.1%	69.4%	68.5%	60.8%	62.1%	59.4%	33.9%	21.4%	32.5%	46.9%	38.6%

**YUIMA MUNICIPAL WATER DISTRICT
WATER PRODUCED & PURCHASED
2022-23**



	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23
■ LOCAL SUPPLY PRODUCED	226.0	226.0	210.4	182.4	149.2	85.7	28.4	61.9	0.0	0.0	0.0	0.0
■ AUTHORITY PURCHASED	620.3	783.3	602.2	441.2	284.4	95.5	28.0	36.8				
TOTAL PROD/PURCH	846.3	1009.3	812.6	623.6	433.6	181.2	56.4	98.7				

**YUIMA MUNICIPAL WATER DISTRICT
2022-23 Capital Projects
As of February 28, 2023**

	Approved 2022-23 Budget	Approved Budget Carry Forward	Current Year Expenditures 2022-23	Prior Year Expenditures Forward	Total Project Expenditures	Percent Expended to Budget
GENERAL DISTRICT 10-600-60						
McNally Tank 2 Interior and Exterior Recoating		\$ 450,000		\$ -	\$ -	0%
Truck Replacement			\$ 309,310	\$ -	\$ 309,310	
Warehouse Lighting			\$ 8,198	\$ -	\$ 8,198	
Total General District Capital Projects - 2022-23		\$ 450,000	\$ 317,508	\$ -	\$ 317,508	71%
IMPROVEMENT DISTRICT A 20-600-60						
Pump Station 4 Pump Cover		\$ 20,000	\$ -	\$ -	\$ -	0%
Pump Station 4 Bypass Valve		\$ 9,764	\$ -	\$ -	\$ -	0%
Dunlap CL2 Analyzer Building Replacement		\$ 10,000	\$ -	\$ -	\$ -	0%
Total IDA Capital Projects - 2022-23		\$ 39,764	\$ -	\$ -	\$ -	0%
Total General District & IDA Capital Projects 2022-23	\$ -	\$ 489,764	\$ 317,508	\$ -	\$ 317,508	65%

**YUIMA MUNICIPAL WATER DISTRICT
DELINQUENT ACCOUNTS LISTING
2/28/2023**

YUIMA			
<u>ACCOUNT NUMBER</u>	<u>PAST DUE AMOUNT</u>	<u>ACTION</u>	
01-0688-06	89.89	Notice	
01-0690-08	110.84	Notice	
01-0693-04	178.46	Notice	
01-1055-02	63.73	Notice	
01-1072-01	315.79	Lien Filed	
01-1079-00	77.17	Notice	
01-1224-00	415.54	Notice	
01-1351-07	198.58	Notice	
01-1651-01	389.08	Notice	
01-1655-02	118.39	Notice	
01-1663-01	117.07	Notice	
01-2097-00	929.42	Notice	
	<u>\$ 3,003.96</u>		

IDA			
<u>ACCOUNT NUMBER</u>	<u>PAST DUE AMOUNT</u>	<u>ACTION</u>	
02-2097-04	119.22	Notice	
02-2411-02	101.77	Notice	
02-2984-09	66.98	Notice	
02-3385-04	2,858.22	Arrangement	
02-3416-04	194.11	Arrangement	
02-3420-01	1,443.87	Arrangement	
02-3460-07	93.08	Notice	
02-3503-05	3,423.13	Arrangement	
02-3505-01	61.86	Arrangement	
02-3560-02	61.86	Arrangement	
02-3670-05	61.86	Arrangement	
02-4015-07	107.14	Notice	
02-4175-01	685.79	Notice	
02-4185-01	160.64	Notice	
02-4548-00	466.83	Notice	
02-5330-09	446.55	Notice	
02-5495-03	201.12	Arrangement	
02-5551-03	294.95	Arrangement	
02-5598-03	1,377.33	Arrangement	
02-5647-04	1,826.46	Arrangement	
02-5650-02	201.12	Arrangement	
02-5660-02	227.93	Arrangement	
02-5746-03	201.12	Arrangement	
02-5856-03	201.12	Arrangement	
02-5903-03	590.75	Arrangement	
02-5930-02	371.27	Arrangement	
02-6055-04	1,651.99	Arrangement	
02-6298-01	171.15	Notice	
02-6543-03	89.41	Notice	
02-6605-00	201.12	Notice	
02-7797-03	263.13	Arrangement	
02-7948-04	109.43	Notice	
02-8302-02	705.07	Arrangement	
02-8353-06	46.49	Arrangement	
02-9189-04	1,951.36	Arrangement	
02-9251-01	501.47	Arrangement	
02-9290-02	371.27	Arrangement	
02-9445-02	433.28	Arrangement	
	<u>\$ 22,341.25</u>		

LIENS FILED / TRANSFERRED TO TAX ROLL

for liens filed and transfer to tax roll:
July agenda
auditor and controller by Aug 10th

V.
OTHER BUSINESS