

Agenda

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

Monday, May 23, 2022 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
Laney Villalobos, Director

- 2:00 p.m.
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 Special Meeting of April 11, 2022 and the minutes of the Regular Meeting of April 25, 2022.
 2. Approve of Accounts Paid and Payables for & Reporting under Government Code §53065.5 for April 2022.
 3. Acceptance of Monthly Financial Reports - April 2022, Treasurer's Report and Cash Statements.
- II. **CLOSED SESSION**
1. CONFERENCE WITH LEGAL COUNSEL - Pending Litigation - 2 Cases; Champaco and Enbinder. Pursuant to Government Code Section 54956.9 Jungreis
- Report from Closed Session
- 2:10-3:00 P.M.
- III. **ACTION DISCUSSION**
1. Acceptance of ACWA/JPIA Refund Check in the Amount of \$27,834.78. Simpson

Background : Per ACWA/JPIA policy any overage of their Rate Stabilization Fund is refunded to its members. The District's refund is \$27,834.78. The refund will be used to offset the District's insurance cost for the current year.

2. Discussion of District's Current Cyber Security Protocols, Protections and Insurance Coverage. Reeh

Background: Director Villalobos attend a cybersecurity workshop at the ACWA conference and wanted staff to discuss the security measures the District has in place for its network , as well as the level of cyber security insurance coverage in place.

3. BUDGET WORKSHOP: The Board Will Review the Preliminary 2022-2023 Budget. Reeh

Background: The preliminary 2022-2023 Operating Budget will be presented.

Recommendation: That the Board review and direct staff to modify as necessary for final adoption at the Regular Board meeting on June 27, 2022.

3:10-3:30 P.M.

IV. **INFORMATION / REPORTS**

- | | |
|--|--|
| <p>1. Board Reports / Meetings
 ACWA / JPIA
 San Diego County Water Authority/MWD
 Other Meetings (SGMA/GSA)</p> | <p>Villalobos
 Reeh
 Simpson</p> |
| <p>2. Administrative
 General Information</p> | <p>Reeh</p> |
| <p>3. Capital Improvements</p> | <p>Reeh</p> |
| <p>4. Operations
 General Information
 Rainfall
 Production / Consumption Report
 Well Levels
 District Water Purchased</p> | <p>Quinn</p> |
| <p>5. Counsel</p> | <p>Jungreis</p> |
| <p>6. Finance & Administrative Services
 General Information
 Delinquent Accounts</p> | <p>Brewer</p> |

3:30 - 3:35 P.M. **V. OTHER BUSINESS**

June 27, 2022 at 12:00 p.m. Special Meeting 2nd Budget Review

3:35 P.M. **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

**MINUTES OF THE SPECIAL MEETING
OF THE BOARD OF DIRECTORS OF
YUIMA MUNICIPAL WATER DISTRICT
April 11, 2022**

The Special Meeting of the Board of Directors of the Yuima Municipal Water District was held at the office of the district, 34928 Valley Center Road, Pauma Valley, California on Monday, the 11th day of April 2022.

**Special Meeting
04/11/2022**

1. ROLL CALL – DETERMINATION OF QUORUM

President Simpson called the meeting to order at 2:06 p.m.

**Call to Order
2:06 p.m.**

Directors Present:

Present: 3

Roland Simpson, President
Laney Villalobos, Director
Bruce Knox, Director

President Simpson declared that a quorum of the Board was present.

Quorum Present

Directors Absent:

Absent: 2

Steve Wehr, Vice-President
Don Broomell, Secretary/Treasurer

Others Present:

**Others
Present**

Amy Reeh, General Manager, YMWD

2. PLEDGE OF ALLEGIANCE

General Manager Reeh led those present in the Pledge of Allegiance.

3. APPROVAL OF AGENDA

No changes to the agenda were proposed.

4. PUBLIC COMMENT

No speaker requests were received and no other indication to speak was offered by members of the public present.

I. ACTION/DISCUSSION

1. Public Hearing to Receive Comments on Proposed Redrawing of District Division Boundaries after 2020 Census.

Government Code 22000 requires that Special District's evaluate the population changes within their divisional boundaries and determine if a change needs to be made to those boundaries. President Simpson called the public hearing to order at 2:07 p.m. Staff presented the final boundary adjustment which is accordance with the population requirement of each division. The map provided reflects the proposed divisions boundaries. There being no members of the public wishing to speak, President Simpson declared the hearing closed at 2:08 p.m.

1-A Resolution 1913-22 Changing the Boundaries of Director Divisions and Rescinding Resolution No. 1432-12.

Following discussion and upon motion being offered by Director Knox seconded by Director Villalobos, *Resolution 1913-22 Changing the Boundaries of Director Divisions and Rescinding Resolution No. 1432-12* was approved by the following roll-call vote, to wit:

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

II. OTHER BUSINESS

No other business was presented.

III. ADJOURNMENT

There being no further business to come before the Board the meeting was adjourned at 2:08 p.m.

Don Broomell, Secretary/Treasurer

Roland Simpson, President

**MINUTES OF THE REGULAR MEETING
OF THE BOARD OF DIRECTORS OF
YUIMA MUNICIPAL WATER DISTRICT
April 25, 2022**

The Regular Meeting of the Board of Directors of the Yuima Municipal Water District was held at the office of the district, 34928 Valley Center Road, Pauma Valley, California on Monday, the 25th day of April 2022.

**Regular Meeting
04/25/2022**

1. ROLL CALL – DETERMINATION OF QUORUM

President Simpson called the meeting to order at 2:05 p.m.

**Call to Order
2:05 p.m.**

Directors Present:

Present: 5

Roland Simpson, President
Steve Wehr, Vice-President
Don Broomell, Secretary/Treasurer
Laney Villalobos, Director
Bruce Knox, Director

President Simpson declared that a quorum of the Board was present.

Quorum Present

Directors Absent:

Absent: 0

Others Present:

**Others
Present**

Amy Reeh, General Manager, YMWD
Carmen Rodriguez, Administrative Assistant, YMWD
Mark Quinn, Operations Manager, YMWD
Lynette Brewer, Finance & Administrative Services Manager, YMWD
Eli Bakkela Fire Captain, CAL Fire Rincon Station 70 (arrived at 2:14 p.m.)

2. PLEDGE OF ALLEGIANCE

General Manager Reeh led those present in the Pledge of Allegiance.

3. APPROVAL OF AGENDA

Manager Reeh requested to add the following item to the agenda: Appointment of representatives to the Board of Directors of the Upper San Luis Rey Groundwater Management Authority. Upon motion being offered Director Knox, seconded by Director Broomell, Action Item #5 was added to the agenda and was approved and carried unanimously by the following roll-call vote, to wit:

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

4. PUBLIC COMMENT

No speaker requests were received and no other indication to speak was offered by members of the public present.

I. SPECIAL REPORTS

1. Joint Powers Fire Report

CAL Fire was not present to give the Fire Report. The Fire Report was available in the Board Packet.

II. CONSENT CALENDAR

Upon motion being offered by Director Wehr, seconded by Director Simpson the Minutes of the Regular Meeting of March 28, 2022, Accounts Paid and Payables for March 2022, and Monthly Financial Reports for March 2022 were approved by the following roll-call vote, to wit:

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

III. ACTION/DISCUSSION

1. Public Hearing to Receive Comments and Consider Adoption of the Proposed Ordinance Fixing a Water Availability Charge for the District (2022/23).

President Simpson called the hearing to order at 2:10 p.m. General Manager Reeh reported the Notice of Public Hearing was given no less than fifteen (15) days prior to the hearing via the local paper (Valley Center Roadrunner) and a copy is on file with the District. Manager Reeh also gave a brief summary of the purpose of the Water Availability Charge and how it is calculated and assessed to the ratepayers. Secretary Broomell reported that there were zero (0) written letters of protest received. There being no members of the public wishing to speak, President Simpson declared the hearing closed at 2:12 p.m.

1-A Ordinance 137-22 Fixing a Water Availability Charge for the District (2022/2023).

Following discussion and upon motion being offered by Director Villalobos seconded by Director Wehr, *Ordinance 137-22 Fixing a Water Availability Charge for the District (2022/2023)* was approved and carried unanimously by the following roll-call vote, to wit:

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

Eli Bakkela, Fire Caption from Rincon Station 70 arrived at 2:14 p.m. and presented the quarterly fire report.

2. Resolution 1914-22 Setting Forth the Time and Place of Hearing and Giving Notice of Hearing for a Water Rate Increase.

Following Discussion and upon motion being offered by Director Simpson seconded by Director Broomell, *Resolution 1914-22 Setting Forth the time and Place of Hearing and Giving Notice of Hearing for a Water Rate Increase* was approved; carried unanimously by the following roll-call vote, to wit:

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

3. Resolution 1915-22 Adopting an Annual Statement of Investment Policy and Rescinding Resolution 1887-21.

Following discussion and upon motion being offered by Director Knox seconded by Director Wehr, *Resolution 1915-22 Adopting an Annual Statement of Investment Policy and Rescinding Resolution 1887-21* was approved by the following roll-call vote, to wit:

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

4. Review 2022/23 Budget Drivers to be considered when developing the budget.

General Manager Reeh reviewed the main drivers that go into the development of the budget and how they are used to develop the rate.

At 2:54 p.m. Managers Brewer and Quinn and Administrative Assistant Rodriquez left the meeting.

Manager Reeh and the Directors continued with the budget discussion; primarily in relation to budgeting for Salaries and Benefits for the next fiscal year. The Board directed Manager Reeh what factors to use when budgeting for Salaries and Benefits.

5. Appointment of Representative to the Board of Directors of the Upper San Luis Rey Groundwater Management Authority.

Manager Reeh advised that the final Joint Powers Agreement (“JPA”) to establish the Upper San Luis Rey Groundwater Management Authority (“USLRGMA”) has been approved by almost all of the members and that the District, having previously authorized the President of the Yuima Board of Directors to sign the JPA, must appoint two representatives to the Board of the USLRGMA. After a brief discussion regarding maintaining the continuity of the group, Director Villalobos motioned that Directors Simpson and Wehr be appointed as representatives. The motion was seconded by Director Knox and the motion passed unanimously by the following roll-call vote, to wit:

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

III. INFORMATION/REPORTS

These reports have been made available in the Board packet, however, in an effort to adhere to Health Agency directive and limit time spent in the presence of others these reports will not be verbally reviewed. Specific questions will be addressed if necessary.

1. Board Reports/Meeting

No Reports were Available.

2. Administrative

The Administrative Report was available in the Board packet.

3. Capital Improvement Program

The Capital Improvement Report was available in the Board packet.

4. Operations

The Operations Report was available in the Board packet.

5. Counsel

Counsel was not present.

6. Finance & Administrative Services

Reports were available in the Board packet.

V. OTHER BUSINESS

No other business was presented.

VI. ADJOURNMENT

There being no further business to come before the Board the meeting was adjourned at 3:37 p.m.

Don Broomell, Secretary/Treasurer

Roland Simpson, President



YUIMA MUNICIPAL WATER DISTRICT

Expenditure Transaction Report

04/01/2022 - 04/30/2022

Payment Number	Payment Date Payable Number	Vendor # Description	Vendor Name	Payment Amount Item Amount
70971	4/5/2022 INV0002154	1130 Valic Deferred Compensation	VALIC GA#24515	300.00 300.00
70972	4/5/2022 500704 500753 501432	3 Open PO for Parts Open PO for Parts Open PO for Parts	A-1 IRRIGATION, INC.	173.36 111.49 26.88 34.99
70973	4/5/2022 0684576 INV0002155 INV0002156 INV0002157 INV0002158 INV0002164	16 MAY 2022 Dental Insurance GTL GTL Admin Health Benefits Vision	ACWA JPIA	16,721.88 3,664.67 586.79 408.36 18.00 11,854.78 189.28
70974	4/5/2022 Q3 2021/22	22 Q3 2021/22	ACWA/JPIA	3,137.78 3,137.78
70975	4/5/2022 33122	1814 Janitorial Services FY 21/22	AL STEINBAUM'S JANITORIAL	210.00 210.00
70976	4/5/2022 287276569280X03212	1510 GM Cell Phone Service	AT & T MOBILITY	150.18 150.18
70977	4/5/2022 1975	1471 Weed Abatements	CONTROLLED ENVIRONMENTS LLC	663.00 663.00
70978	4/5/2022 02886-1981-RI-2022	174 Fuel Tank Permit	COUNTY OF SAN DIEGO - APCD	716.00 716.00
70979	4/5/2022	256	EDCO Waste and Recycling Services, Inc.	192.34

	03/31/22 25-6A 09702	Waste Services		192.34	
70980	4/5/2022 2031289	1990 IDA Bacti Tests- NTE	EnviroMatrix Analytical, Inc.	35.00	35.00
70981	4/5/2022 L0620928 L0622274	1395 IDA Water Tests Yuima Water Tests	Eurofins Eaton Analytical, LLC	15.00 40.00	55.00
70982	4/5/2022 MAR 2022	2004 MAR 2022 7.53 PURCH .05 WHEELED	Pauma Band Of Mission Indians	837.06	837.06
70983	4/5/2022 132104079 132105471 132106873 132108261 132109647	127 Uniform Services Uniform Services Uniform Services Uniform Services Uniform Services	PRUDENTIAL OVERALL SUPPLY	140.80 64.37 40.59 40.87 124.52	411.15
70984	4/5/2022 923737 923738 923739	1948 LEGAL FEES LEGAL FEES LEGAL FEES	RUTAN & TUCKER, LLP	2,303.70 942.50 10,010.00	13,256.20
70985	4/5/2022 0222-23	1005 FEB 2022 256.4 AF PURCH 256.4 AF PSAWR CR	SAN DIEGO COUNTY WATER AUTHORITY	407,833.89	407,833.89
70986	4/5/2022 MAR 2022	1025 02/18/22-03/21/22	SDG&E	125,271.78	125,271.78
70987	4/5/2022 25505 25525 25542 25610	1035 Oil Change/Tire Rotation-All Trucks Oil Change/Tire Rotation-All Trucks Oil Change/Tire Rotation-All Trucks Oil Change/Tire Rotation-All Trucks	SERRATOS AUTOMOTIVE & TIRE	107.63 85.06 121.33 82.64	396.66
70988	4/5/2022 R. VALENZUELA D-1 /D1 Test- R. Valenzuela	2016	SWRCB-DRINKING WATER OPERATOR CERTIFICATION PR	50.00	50.00
70989	4/5/2022 R. VALENZUELA T-1 /T1 Test- R. Valenzuela	2016	SWRCB-DRINKING WATER OPERATOR CERTIFICATION PR	50.00	50.00

70990	4/5/2022 1036 1037 1038	1843 Eastside Cl2/NH3 System Troubleshoot Station 1 CL2 System Troubleshooting Well 24 SCADA Pressure Programming	TRAN CONTROLS SCADA SOLUTIONS	1,553.71 967.41 1,442.97	3,964.09
70991	4/5/2022 YMA0037	1758 Server Update	TRAVIS W. PARKER	699.65	699.65
70992	4/5/2022 220220835 320220843	1118 Dig Alert Tickets Dig Alert Tickets	UNDERGROUND SERV. ALERT	13.30 13.30	26.60
70993	4/5/2022 920790	1102 #1 TUBE ASSEMBLY PKG OF 5	USA BLUE BOOK	204.62	204.62
70994	4/5/2022 5571558	1225 EASTSIDE CL2	WATERLINE TECHNOLOGIES	185.00	185.00
70995	4/5/2022 3147294	1265 Copy Machine Rental	XEROX FINANCIAL SERVICES LLC	455.47	455.47
70996	4/13/2022 013758	1170 Secuirty Service	ALBERT MAIORIELLO	165.00	165.00
70997	4/13/2022 000018001484	45 Office Phone Service	AT&T	122.44	122.44
70998	4/13/2022 SS100128782	1931 Annual Gen Set Maintenance	Hawthorne Machinery Co.	4,416.33	4,416.33
70999	4/13/2022 25AR1428651	1778 Copy Services	IMAGE SOURCE, INC.	425.55	425.55
71000	4/13/2022 75952	2015 4x6.6x4 Closed Bottom Precast Concrete Vault	J&R Concrete Products Inc.	7,973.50	7,973.50
71001	4/13/2022 117	1835 Redistricting Mapping	JUAN GONZALEZ	2,520.00	2,520.00
71002	4/13/2022 0025040377 0025053675	1589 Welding/Cutting Supplies Welding/Cutting Supplies	MATHESON TRI-GAS, INC	316.96 435.95	763.57

	0025173621	Welding/Cutting Supplies		10.66	
71003	4/13/2022	1816	OFFICE DEPOT		127.02
	236778642001	1-Ply Bond Paper Rolls		7.71	
	236778642001	Business Card Holder		1.16	
	236778642001	Copy Paper		70.58	
	236778642001	Sharpie Yellow Highlighters		11.06	
	236778642001	Tissue		36.51	
71004	4/13/2022	1118	UNDERGROUND SERV. ALERT		44.86
	18DSBFE4876	CA STATE FEE		44.86	
71005	4/13/2022	1575	VALLEY CENTER MATERIALS		226.28
	2194	Slurry/Concrete for Perricone Tank Hillside		226.28	
71006	4/13/2022	1666	Verizon Connect		52.00
	OSV0000002729863	GPS Monitoring		52.00	
71007	4/13/2022	1225	WATERLINE TECHNOLOGIES		925.00
	5573149	STATION 1 CL2		740.00	
	5573150	EASTSIDE CL2		185.00	
71008	4/19/2022	1130	VALIC GA#24515		300.00
	INV0002169	Valic Deferred Compensation		300.00	
71009	4/21/2022	1896	AFLAC		128.76
	INV0002152	AFLAC-Cancer Coverage Insurance		40.36	
	INV0002153	AFLAC-Accident Coverage Insurance		88.40	
71010	4/21/2022	1946	BREONA EASLEY		28.43
	03/11/22-04/19/22	Mileage Reimbursement-NTE \$350		28.43	
71011	4/21/2022	1897	DUTHIE ELECTRIC SERVICE CORPORATION		523.50
	A100268	SHOP GENERATOR ANNUAL SERVICE		523.50	
71012	4/21/2022	1395	Eurofins Eaton Analytical, LLC		950.00
	L0623211	IDA Water Tests		175.00	
	L0623212	IDA Water Tests		130.00	
	L0623213	Yuima Water Tests		40.00	
	L0623214	IDA Water Tests		70.00	
	L0624042	IDA Water Tests		535.00	

71013	4/21/2022 25609 25657	1035 Oil Change/Tire Rotation-All Trucks Truck#6 Transmission Replacement	SERRATOS AUTOMOTIVE & TIRE	77.30 3,803.76	3,881.06
71014	4/21/2022 0170907-IN	1091 Process Water Avail Changes	TRANSAMERICAN MAILING &	269.38	269.38
71015	4/21/2022 328107	1540 Office Internet Services	VALLEY CENTER WIRELESS	129.90	129.90
71016	4/21/2022 5574276 5574319 5574325 5576436	1225 STATION 1 CL2 STATION 1 AMMONIA STATION 1 AMMONIA LHMWC CL2	WATERLINE TECHNOLOGIES	370.00 271.13 902.26 55.50	1,598.89
DFT0001235	4/1/2022 INV0002150	1857 SDI Withholding	EMPLOYMENT DEVELOPMENT DEPARTMENT	275.00	275.00
DFT0001236	4/1/2022 INV0002151	1856 Medicare Withholding	EFTPS - Federal Payroll Tax	725.00	725.00
DFT0001237	4/5/2022 INV0002159	118 PEPRA Member Contributions	CALPERS -FISCAL SERVICES DIV.	508.01	508.01
DFT0001238	4/5/2022 INV0002160	118 PEPRA Employer Contribution	CALPERS -FISCAL SERVICES DIV.	571.23	571.23
DFT0001239	4/5/2022 INV0002161	118 PERS Classic Member Contribution	CALPERS -FISCAL SERVICES DIV.	1,635.76	1,635.76
DFT0001240	4/5/2022 INV0002162	118 PERS Employer Classic Member Contribution	CALPERS -FISCAL SERVICES DIV.	3,118.18	3,118.18
DFT0001241	4/5/2022 INV0002163	1562 SIP 457 Director Def Comp ER	CALPERS 457 PLAN	37.50	37.50
DFT0001242	4/5/2022 INV0002165	118 1959 Survivor Benefit	CALPERS -FISCAL SERVICES DIV.	8.37	8.37
DFT0001243	4/5/2022 INV0002166	1857 State Withholding	EMPLOYMENT DEVELOPMENT DEPARTMENT	1,361.22	1,361.22

DFT0001244	4/5/2022 INV0002167	1857 SDI Withholding	EMPLOYMENT DEVELOPMENT DEPARTMENT	338.34	338.34
DFT0001245	4/5/2022 INV0002168 INV0002168	1856 Federal Withholding Medicare Withholding	EFTPS - Federal Payroll Tax	3,639.65 906.48	4,546.13
DFT0001246	4/5/2022 2022 Q1	1857 1st QTR 2022 PAYROLL TAXES	EMPLOYMENT DEVELOPMENT DEPARTMENT	247.86	247.86
DFT0001247	4/19/2022 INV0002170	118 PEPRA Member Contributions	CALPERS -FISCAL SERVICES DIV.	508.01	508.01
DFT0001248	4/19/2022 INV0002171	118 PEPRA Employer Contribution	CALPERS -FISCAL SERVICES DIV.	571.22	571.22
DFT0001249	4/19/2022 INV0002172	118 PERS Classic Member Contribution	CALPERS -FISCAL SERVICES DIV.	1,658.46	1,658.46
DFT0001250	4/19/2022 INV0002173	118 PERS Employer Classic Member Contribution	CALPERS -FISCAL SERVICES DIV.	3,161.43	3,161.43
DFT0001251	4/19/2022 INV0002174	118 1959 Survivor Benefit	CALPERS -FISCAL SERVICES DIV.	8.37	8.37
DFT0001252	4/19/2022 INV0002175	1857 State Withholding	EMPLOYMENT DEVELOPMENT DEPARTMENT	1,231.16	1,231.16
DFT0001253	4/19/2022 INV0002176	1856 Social Security Withholding	EFTPS - Federal Payroll Tax	44.64	44.64
DFT0001254	4/19/2022 INV0002177	1857 SDI Withholding	EMPLOYMENT DEVELOPMENT DEPARTMENT	323.01	323.01
DFT0001255	4/19/2022 INV0002178 INV0002178	1856 Federal Withholding Medicare Withholding	EFTPS - Federal Payroll Tax	3,358.50 851.54	4,210.04
DFT0001256	4/21/2022 041722-1408 041722-1440	113 Open PO Amy Reeh Google Subscription	CALIF BANK & TRUST VISA	832.15 239.40	2,086.19

	041722-1462	Shutterstock Subscription	29.00	
	041722-1583	Computer Software Programs NTE	633.30	
	041722-1636	Amy Business Cards-500	80.81	
	041722-1636	Mark Business Crds-500	80.82	
	041722-1645	Chaplin 24 Volt 4gallon Backpack Sprayer	190.71	
DFT0001257	4/21/2022	1777	CalPERS Financial Reporting &	3,779.82
	100000016756935	2022 REPLACEMENT BENEFIT CONTRIBUTION	3,779.82	
EFT0000032	4/1/2022	Payroll		24,362.50
EFT0000033	4/5/2022	Payroll		22,729.79
EFT0000034	4/19/2022	Payroll		21,374.70
			Total	700,990.12

Government Code 53065.5 Reporting - Fiscal Year 2021/2022

	July	August	September	October	November	December	January	February	March	April	May	June	2021/22
1040 Allen									90.00				\$ 90.00
0900 Mark													\$ -
1349 Matt						101.36	90.00						\$ 191.36
1772 Amy						122.08			161.81				\$ 283.89
1827 Noel			244.52						200.00				\$ 444.52
1858 Lynette		131.41						35.84					\$ 167.25
1854 Carmen	26.35	53.76	427.77	95.76		64.96			28.08	37.44			\$ 734.12
1946 Breona	17.70		35.40	36.29				37.91	28.43	28.43			\$ 184.16
1997 Rosbelth			172.38										\$ 172.38
TOTAL	\$ 44.05	\$ 185.17	\$ 880.07	\$ 132.05	\$ -	\$ 288.40	\$ 90.00	\$ 73.75	\$ 508.32	\$ 65.87	\$ -	\$ -	\$ 2,267.68

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



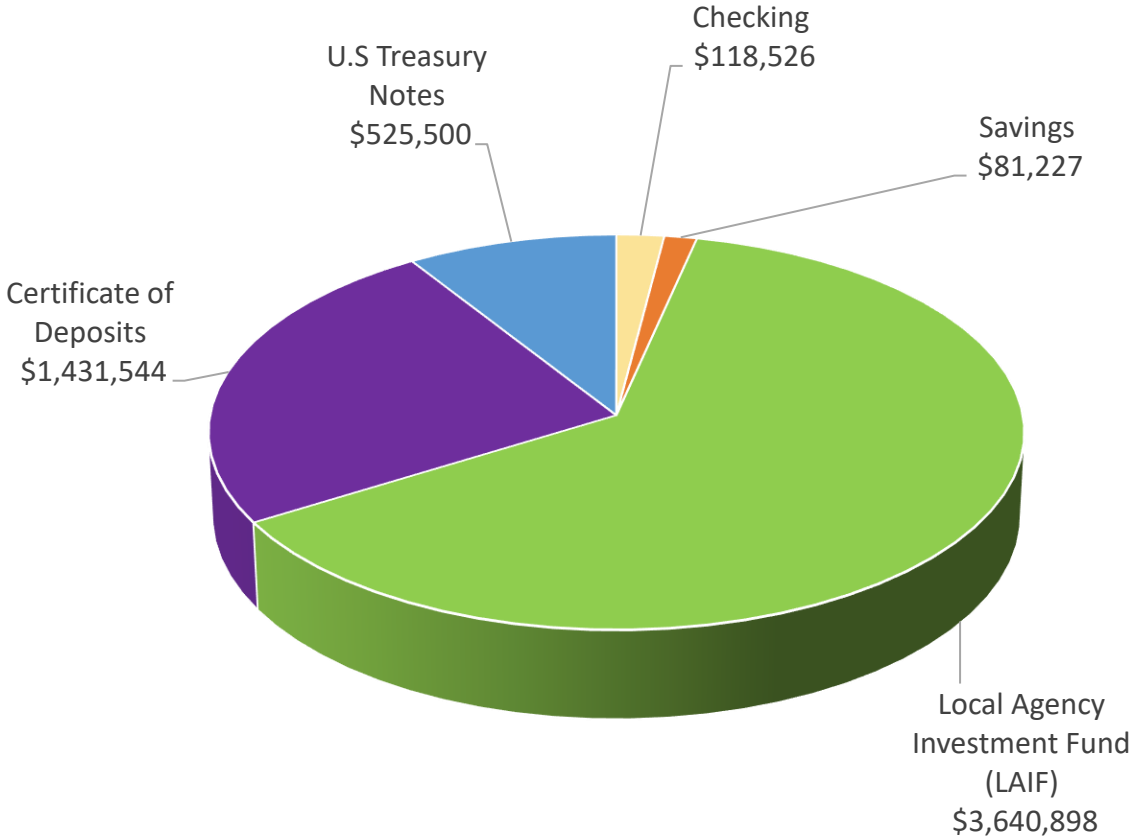
Pooled Cash Report

Yuima Municipal Water District
For the Period Ending 4/30/2022

ACCOUNT #	ACCOUNT NAME	BEGINNING BALANCE	CURRENT ACTIVITY	CURRENT BALANCE	
CLAIM ON CASH					
01-1001-000	Claim on Cash - General Fund	3,011,082.37	35.43	3,011,117.80	
02-1001-000	Claim on Cash - IDA	1,383,986.68	28,379.31	1,412,365.99	
10-1001-000	Claim on Cash - Yuima General Dist	1,075,345.43	15,177.22	1,090,522.65	
20-1001-000	Claim on Cash - Improvement District Capital	274,112.15	9,576.27	283,688.42	
TOTAL CLAIM ON CASH		<u>5,744,526.63</u>	<u>53,168.23</u>	<u>5,797,694.86</u>	
CASH IN BANK					
Cash in Bank					
99-1000-000	Petty Cash	500.00	0.00	500.00	
99-1000-011	General Checking - NEW	173,373.76	(55,347.58)	118,026.18	
99-1100-015	General Savings	10,054.12	0.08	10,054.20	
99-1100-017	Official Pay Account	66,823.88	4,349.10	71,172.98	
99-1200-020	LAIF State Treasury	3,613,225.25	27,672.63	3,640,897.88	
99-1300-030	UBS Money Market - Clearing	2,457.07	(2,457.01)	0.06	
99-1300-035	Higgins Capital Mgmt - Clearing	2,900.05	(2,899.99)	0.06	
99-1400-040	Texas Capital Bank-CUSIP 88224PLY3	99,311.00	(153.00)	99,158.00	
99-1400-046	BMO Harris BK - 05600XCG3	92,865.00	(1,167.00)	91,698.00	
99-1400-051	BMW Bank - 05580AH64	192,272.00	(2,002.00)	190,270.00	
99-1400-053	Sallie Mae CUSIP 795451AN3	233,832.50	(3,325.00)	230,507.50	
99-1400-054	State Bank of India - 856285VD0	232,580.00	(2,920.00)	229,660.00	
99-1400-058	Morgan Stanley Bank-61690UUH1	248,585.00	(2,135.00)	246,450.00	
99-1400-062	Flagstar Bank CUSIP 33847E4D6	95,185.00	(940.00)	94,245.00	
99-1400-068	American Express Natl Bank-02589AB50	250,375.00	(820.00)	249,555.00	
99-1450-061	FHLB Bond CUSIP 3130AJZ36	93,628.00	(1,125.00)	92,503.00	
99-1450-063	FHLB Step-Up UBS 3130AR2X8	99,264.00	(415.00)	98,849.00	
99-1450-067	FHLB Step-Up Bond UBS CUSIP 3130ARPU9	0.00	99,833.00	99,833.00	
99-1450-068	FHLB Step-Up CUSIP 3130AMAW2	237,295.00	(2,980.00)	234,315.00	
TOTAL: Cash in Bank		<u>5,744,526.63</u>	<u>53,168.23</u>	<u>5,797,694.86</u>	
TOTAL CASH IN BANK		<u>5,744,526.63</u>	<u>53,168.23</u>	<u>5,797,694.86</u>	
DUE TO OTHER FUNDS					
99-2601-000	Due to Other Funds	5,744,526.63	53,168.23	5,797,694.86	
TOTAL DUE TO OTHER FUNDS		<u>5,744,526.63</u>	<u>53,168.23</u>	<u>5,797,694.86</u>	
Claim on Cash	5,797,694.86	Claim on Cash	5,797,694.86	Cash in Bank	5,797,694.86
Cash in Bank	5,797,694.86	Due To Other Funds	5,797,694.86	Due To Other Funds	5,797,694.86
Difference	<u>0.00</u>	Difference	<u>0.00</u>	Difference	<u>0.00</u>

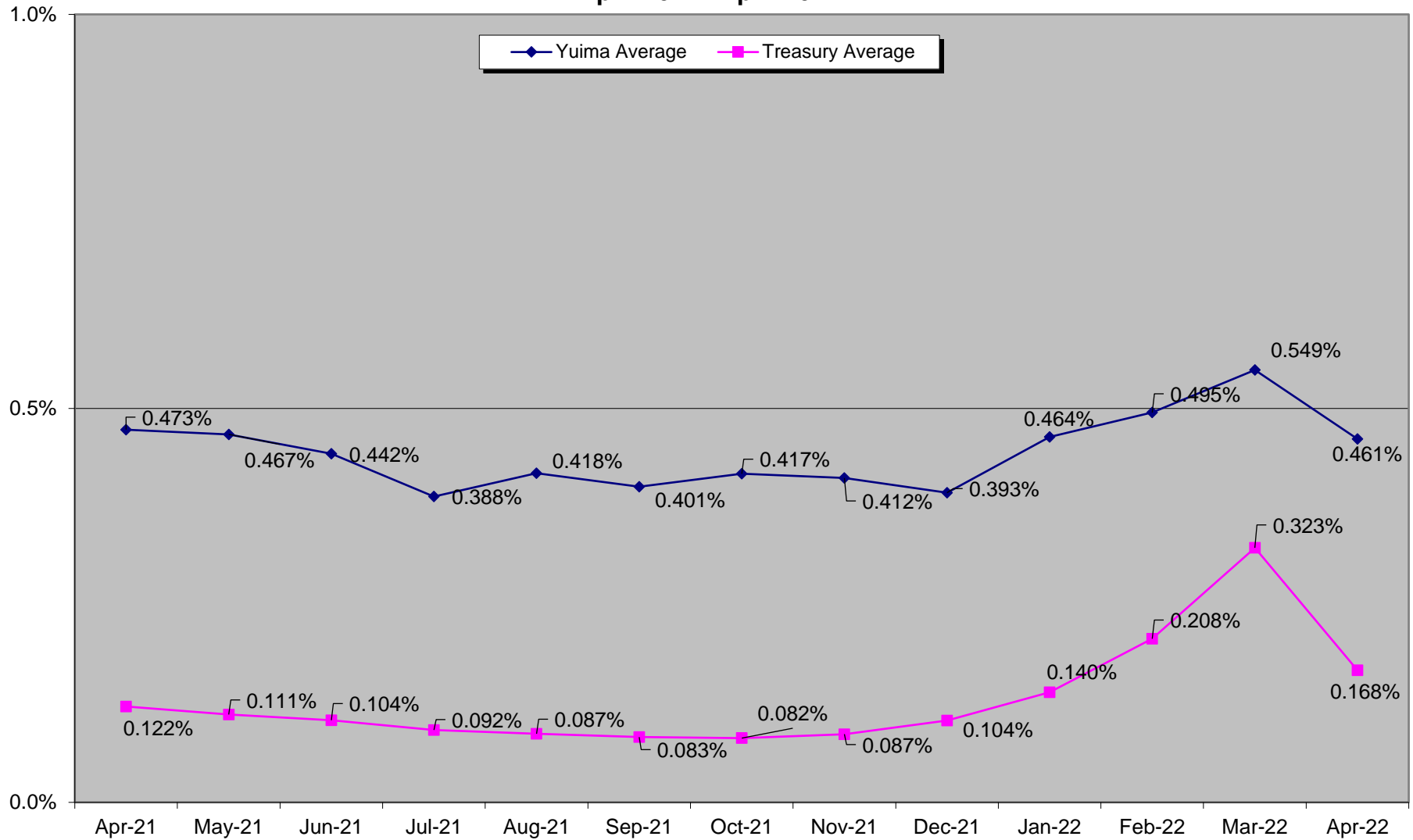
ACCOUNT #	ACCOUNT NAME	BEGINNING BALANCE	CURRENT ACTIVITY	CURRENT BALANCE	
ACCOUNTS PAYABLE PENDING					
01-2555-000	AP Pending - General District	785,736.42	193,892.36	979,628.78	
02-2555-000	AP Pending - IDA	97,710.97	20,406.48	118,117.45	
TOTAL ACCOUNTS PAYABLE PENDING		<u>883,447.39</u>	<u>214,298.84</u>	<u>1,097,746.23</u>	
DUE FROM OTHER FUNDS					
99-1501-000	Due From General District	(785,736.42)	(193,892.36)	(979,628.78)	
99-1502-000	Due From IDA	(97,710.97)	(20,406.48)	(118,117.45)	
TOTAL DUE FROM OTHER FUNDS		<u>(883,447.39)</u>	<u>(214,298.84)</u>	<u>(1,097,746.23)</u>	
ACCOUNTS PAYABLE					
99-2555-000	Accounts Payable	883,447.39	214,298.84	1,097,746.23	
TOTAL ACCOUNTS PAYABLE		<u>883,447.39</u>	<u>214,298.84</u>	<u>1,097,746.23</u>	
AP Pending	1,097,746.23	AP Pending	1,097,746.23	Due From Other Funds	1,097,746.23
Due From Other Funds	1,097,746.23	Accounts Payable	1,097,746.23	Accounts Payable	1,097,746.23
Difference	<u>0.00</u>	Difference	<u>0.00</u>	Difference	<u>0.00</u>

**Yuima Municipal
Water District
Cash & Investments Data
April 2022
\$5,797,694.86**



Aggregate Yuima Portfolio Yield

April 2021 - April 2022





PMIA/LAIF Performance Report as of 05/11/22



PMIA Average Monthly Effective Yields⁽¹⁾

Apr	0.523
Mar	0.365
Feb	0.278

Quarterly Performance Quarter Ended 03/31/22

LAIF Apportionment Rate ⁽²⁾ :	0.32
LAIF Earnings Ratio ⁽²⁾ :	0.00000875657176851
LAIF Fair Value Factor ⁽¹⁾ :	0.988753538
PMIA Daily ⁽¹⁾ :	0.42%
PMIA Quarter to Date ⁽¹⁾ :	0.29%
PMIA Average Life ⁽¹⁾ :	310

Pooled Money Investment Account Monthly Portfolio Composition ⁽¹⁾ 04/30/22 \$225.5 billion

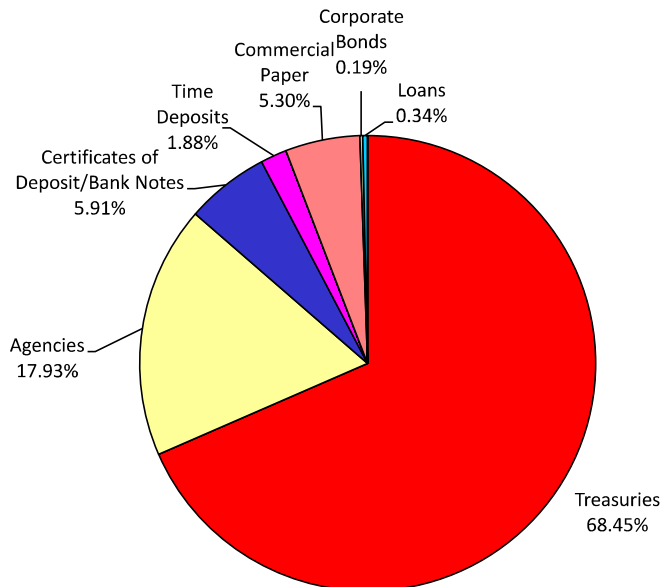


Chart does not include \$5,303,000.00 in mortgages, which equates to 0.002%. Percentages may not total 100% due to rounding.

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



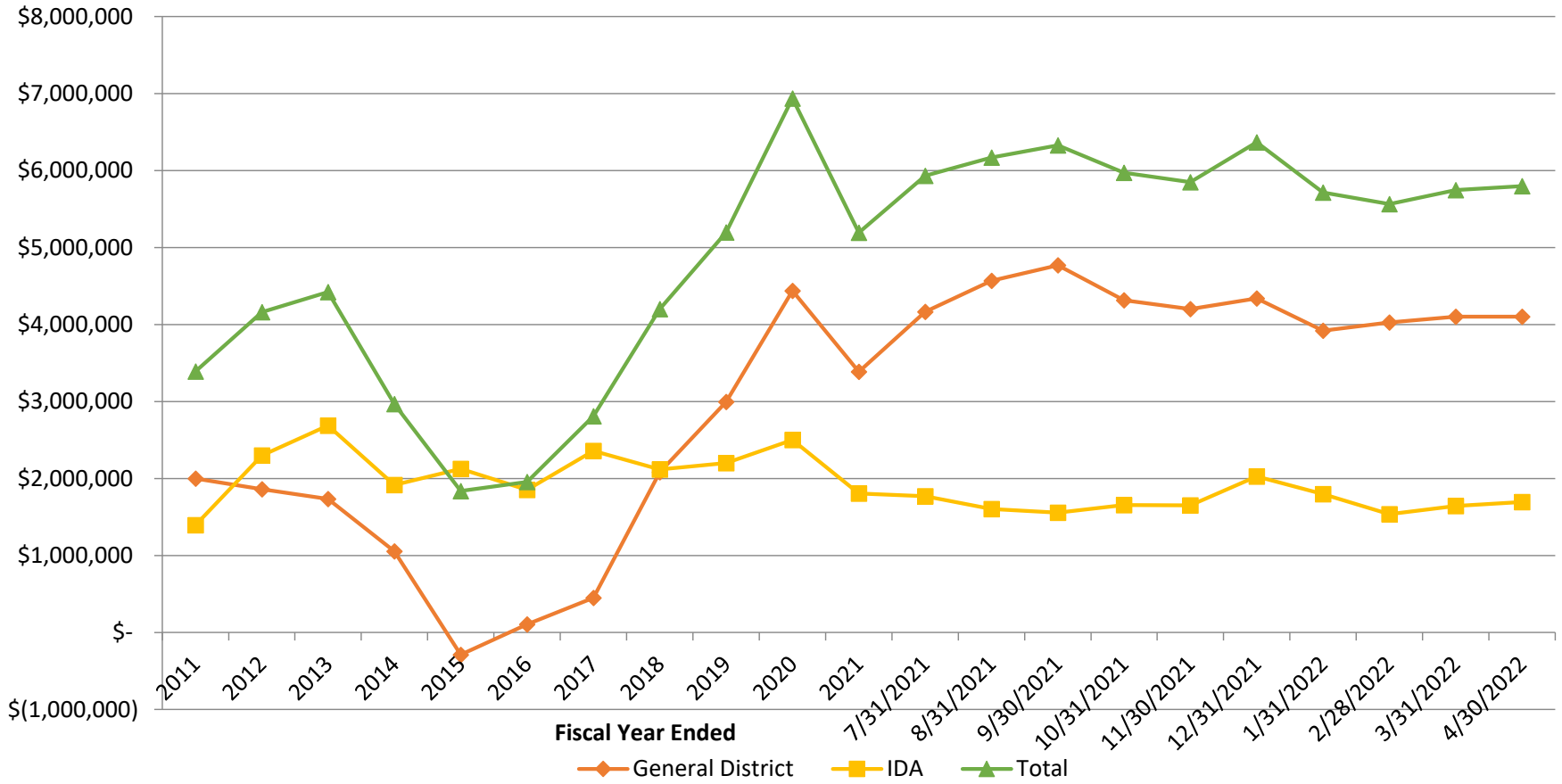
State of California Pooled Money Investment Account Market Valuation 4/30/2022

Description	Carrying Cost Plus Accrued Interest Purch.	Fair Value	Accrued Interest
United States Treasury:			
Bills	\$ 53,275,095,471.58	\$ 53,201,486,000.00	NA
Notes	\$ 101,092,401,017.47	\$ 98,748,241,000.00	\$ 184,438,357.50
Federal Agency:			
SBA	\$ 325,136,045.55	\$ 325,633,741.49	\$ 137,267.38
MBS-REMICs	\$ 5,302,655.98	\$ 5,408,333.67	\$ 24,107.44
Debentures	\$ 9,067,824,774.36	\$ 8,927,129,350.00	\$ 9,385,293.80
Debentures FR	\$ -	\$ -	\$ -
Debentures CL	\$ 1,000,000,000.00	\$ 971,224,000.00	\$ 1,453,916.00
Discount Notes	\$ 27,920,384,110.92	\$ 27,879,681,000.00	NA
Supranational Debentures	\$ 2,115,238,528.33	\$ 2,044,573,000.00	\$ 4,051,723.00
Supranational Debentures FR	\$ -	\$ -	\$ -
CDs and YCDs FR	\$ -	\$ -	\$ -
Bank Notes	\$ -	\$ -	\$ -
CDs and YCDs	\$ 13,335,000,000.00	\$ 13,315,141,876.03	\$ 13,016,183.34
Commercial Paper	\$ 11,958,500,472.11	\$ 11,954,531,525.06	NA
Corporate:			
Bonds FR	\$ -	\$ -	\$ -
Bonds	\$ 424,349,911.03	\$ 405,100,890.00	\$ 2,127,189.33
Repurchase Agreements	\$ -	\$ -	\$ -
Reverse Repurchase	\$ -	\$ -	\$ -
Time Deposits	\$ 4,229,000,000.00	\$ 4,229,000,000.00	NA
PMIA & GF Loans	\$ 756,896,000.00	\$ 756,896,000.00	NA
TOTAL	\$ 225,505,128,987.33	\$ 222,764,046,716.25	\$ 214,634,037.79

Fair Value Including Accrued Interest \$ 222,978,680,754.04

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

Cash Position



II.
CLOSED SESSION

III.
ACTION & DISCUSSION

ACWA JPIA
 PO BOX 619082
 Roseville, CA 95661-3700
 (800) 231-5742

California Bank and Trust
 520 Capitol Mall
 Suite 100
 Sacramento, CA 95814-4714

1903
 Date: 03/16/2022

Pay To
 The Order Of YUIMA MUNICIPAL WATER DISTRICT

Twenty Seven Thousand Eight Hundred Thirty Four Dollars and 78 Cents

\$**27,834.78**

YUIMA MUNICIPAL WATER DISTRICT
 P O BOX 177
 PAUMA VALLEY, CA 92061-0177
 United States

David deBernardi

 David deBernardi

 Void after 6 months

⑈001903⑈ ⑆121002042⑆ ⑆1030011961⑈

ACWA JPIA
 V001045--YUIMA MUNICIPAL WATER DISTRICT
 Print As: YUIMA MUNICIPAL WATER DISTRICT

P O BOX 177
 PAUMA VALLEY, CA 92061-0177

1903
 California Bank and Trust
 CBTGen_1961 1961
 Date: 03/16/2022

Date	Bill #	Reference Number	Agency	Amount Entered	Term Discount	Amount Paid
Month	Month	Department ID				
03/16/2022	9/30/21 Refund	P70	JPIA	\$27,834.78	\$0.00	\$27,834.78
35000--Rate Stabilizatio	Yuima MWD -RSF Refund... of 9/30/21 -\$27834.78					
Net Amount						\$27,834.78

ACWA JPIA
 V001045--YUIMA MUNICIPAL WATER DISTRICT
 Print As: YUIMA MUNICIPAL WATER DISTRICT

P O BOX 177
 PAUMA VALLEY, CA 92061-0177

1903
 California Bank and Trust
 CBTGen_1961 1961
 Date: 03/16/2022

Date	Bill #	Reference Number	Agency	Amount Entered	Term Discount	Amount Paid
Month	Month	Department ID				
03/16/2022	9/30/21 Refund	P70	JPIA	\$27,834.78	\$0.00	\$27,834.78
35000--Rate Stabilizatio	Yuima MWD -RSF Refund... of 9/30/21 -\$27834.78					
Net Amount						\$27,834.78

Action/Discussion Item III. 2

Discussion of District's Cyber Security Protocols, Protections and Insurance Coverage

Due to obvious security reasons and to continue security protections and protocols at the highest level, detailed information on the cyber security measures implemented by the District will not be made available to the general public in this packet. A general information discussion will be verbally provided to the Board during the meeting.

The background features a light blue gradient with several realistic water droplets of various sizes scattered across the surface. The droplets have highlights and shadows, giving them a three-dimensional appearance.

YUIMA MUNICIPAL WATER DISTRICT

2022-2023 PRELIMINARY BUDGET

BUDGET AND RATE DEVELOPMENT PROCESS

Operational
Needs
Assessment

DISCUSSION, ASSESSMENT AND DETERMINATION OF DISTRICT NEEDS FOR OPERATIONS, CAPITAL AND OTHER OPERATING RECOMMENDATIONS.



Water Sales
&
Production

ESTIMATE WATER SALES AND LOCAL PRODUCTION TO DETERMINE ESTIMATED CWA PURCHASES.



Revenue
Requirement
Analysis

DETERMINE TOTAL REVENUES NEEDED TO FUND OPERATIONS, CAPITAL, DEBT SERVICE, AND OTHER OPERATING REQUIREMENTS.



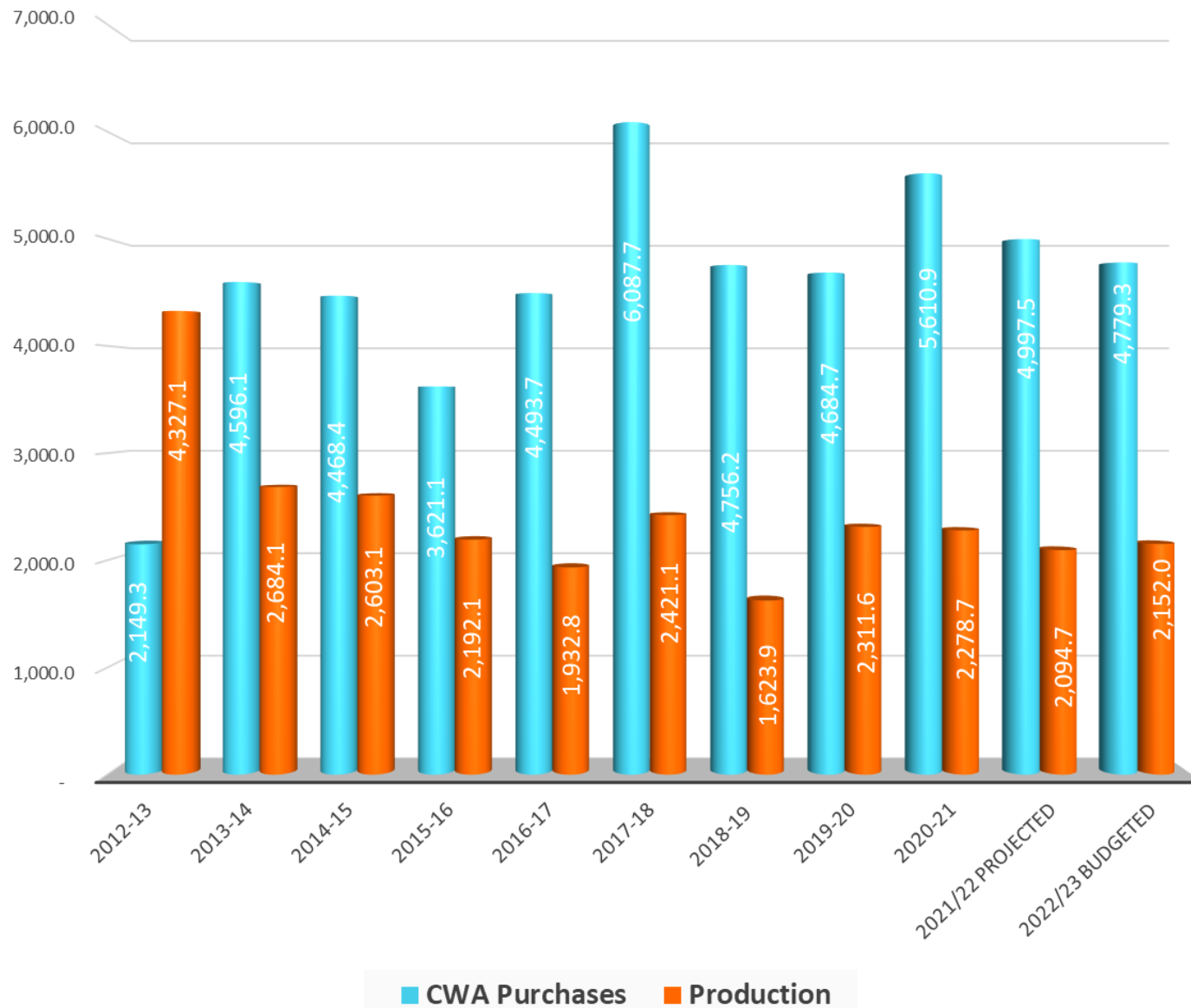
Water Rates
&
Charges

SET RATES TO RECOVER ALL COSTS OF OPERATIONS, CAPITAL, ETC.

NEEDS ASSESSMENT

- ADMINISTRATIVE & OPERATIONS DEPARTMENT RECOMMENDATIONS – 2021 /22
 - PERS UNFUNDED LIABILITY REDUCTION – **PAID DOWN \$300,000**
 - BUILD IDA CAPITAL RESERVE FUND – **INCREASED CAPITAL RESERVE TO \$350,000 (\$607K INCREASE)**
 - MAINTAIN RESERVE BALANCES – **MAINTAINED AND SLIGHTLY INCREASED OVERALL RESERVES**
 - BAY DOOR REPLACEMENT - **NOT ADDRESSED**
 - DUNLAP TANK REPAIR OR REPLACEMENT – **NOT ADDRESSED**
- 2022/23 ASSESSMENT
 - COST CURTAIL TO REDUCE RATE INCREASE

CWA Purchases vs. Production Comparison

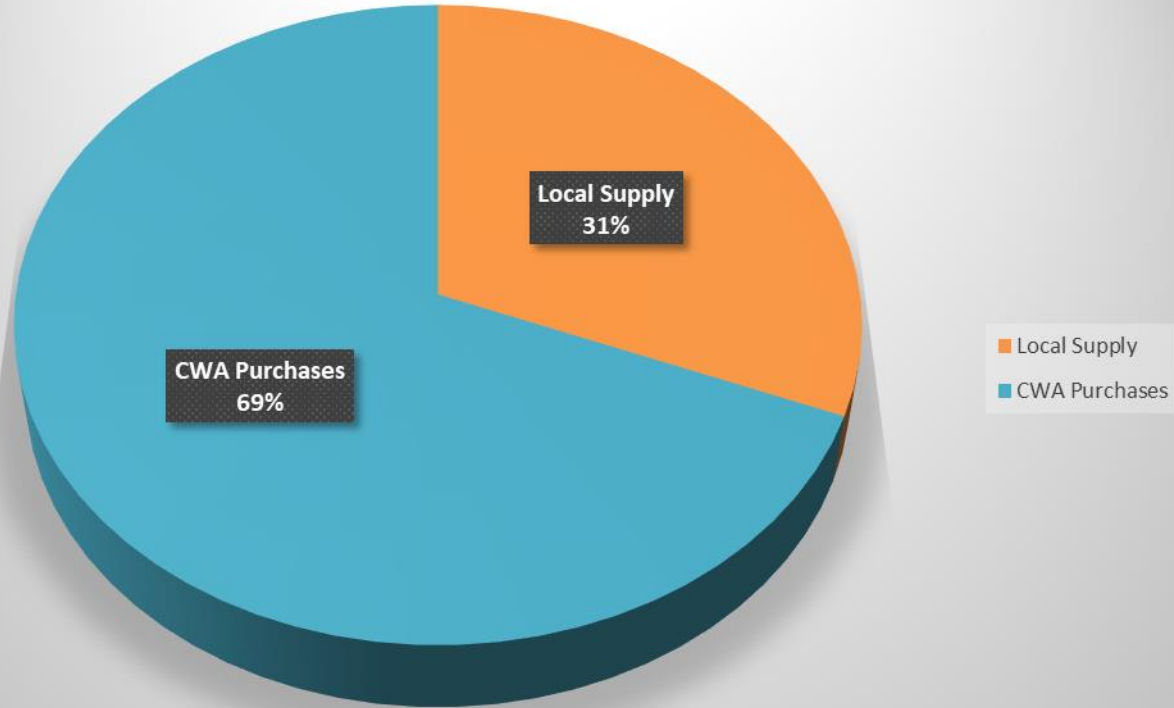


LOCAL PRODUCTION & CWA WATER PURCHASES

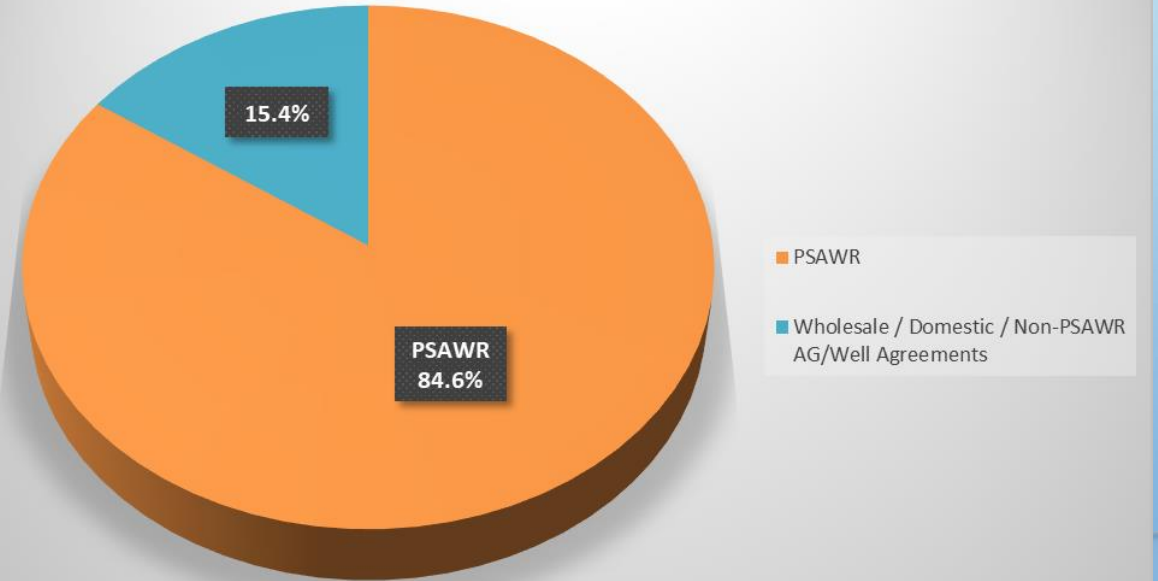
- BASED ON 10-YEAR AVERAGE
- LOCAL PRODUCTION – ESTIMATES A 2.7% INCREASE FROM FROM 21/22 PROJECTIONS. DUE TO THE ISSUES WITH WELL 20 BEING RESOLVED.
- CWA PURCHASED WATER, ESTIMATES A 4.3% DECREASE IN CWA PURCHASED WATER FROM 2021/22 PROJECTIONS.

WATER PURCHASES

Imported to Local Supply Breakdown



Agricultural to Domestic / Non-PSAWR Breakdown



CWA & MET RATES

THESE ARE ESTIMATES AS THE SDCWA RECOMMEND RATES HAVE NOT BEEN APPROVED

- CWA RATE ESTIMATES – 8.4% INCREASE

Metropolitan (MET) & County Water Authority Treated Water Rate				
Acre Foot Charge	Rate	Rate	Change	% of
	1/1/2022	1/1/2023	per Ac. Ft.	Change
MET Supply Rate				
MET Supply Rate	\$243	\$321	78	32.1%
MET System Access Rate	389	368	-21	-5.4%
MET System Power Rate	167	166	-1	-0.6%
<i>Subtotal</i>	799	855	56	7.0%
MET Treatment Surcharge	344	354	10	2.9%
Total MET Supply Cost	\$1,143	\$1,209	66	5.8%
	Rate	Rate	Change	% of
	1/1/2022	1/1/2023	per Ac. Ft.	Change
CWA's "All-in" Rate				
Melded Supply Rate	\$1,009	\$1,090	81	8.0%
Melded Treatment Rate	310	350	40	12.9%
Transportation Rate	173	177	4	2.3%
Cost of Treated Water	\$1,492	\$1,617	125	8.4%
Cost for Treated M&I	\$1,492	\$1,617	\$125	8.4%
CWA's PSAWR Rate				
Melded Supply Rate	\$1,009	\$1,090	81	8.0%
Less: Agricultural Credit Programs				
(1) CWA/PSAWR Program (Supply Cost Benefit)	-210	-210	0	0.0%
Melded Treatment Rate	310	350	40	12.9%
Transportation Rate	173	177	4	2.3%
Net PSAWR Ag. Rate	\$1,282	\$1,407	125	5.8%

REVENUE REQUIREMENTS

• SOURCE OF SUPPLY	\$7,517,479
• PUMPING	1,737,954
• WATER TESTING	142,901
• TRANSMISSION & DISTRIBUTION	369,603
• CUSTOMER SERVICE	104,536
• GENERAL & ADMINISTRATIVE	1,784,865
• GENERAL PLANT	<u>862,533</u>
TOTAL REVENUE REQUIREMENT (EXPENSES)	\$12,519,871*

* DIFFERENCE DUE TO ROUNDING

SOURCE OF SUPPLY

SOURCE OF SUPPLY:		
Purchased Water - SDCWA		6,498,303
Purchased Water - Local		-
CWA/MET Fixed Costs		1,019,176
Total		7,517,479

- PURCHASED WATER IS 60% OF THE TOTAL OPERATING EXPENDITURES IN 2022/23
 - ESTIMATED TO SELL 6,931.3 ACRE FEET OF WATER
 - 69% OF OUR PROJECTED SALES IS EXPECTED TO BE PURCHASED FROM CWA (4,779.3AF)
 - THE BALANCE OF 2,152 ACRE FEET OF EXPECTED SALES WILL COME FROM LOCAL SUPPLIES (31%)
 - BASED ON A 10-YEAR AVERAGE
 - CERTIFIED AGRICULTURAL (PSAWR) USERS REPRESENT AN ESTIMATED 74.6% OF PROJECTED SALES

OTHER REVENUE REQUIREMENT CATEGORIES

PUMPING:		
Salaries & Wages		28,954
Power		1,663,000
Maintenance		46,000
Total		1,737,954

WATER TREATMENT:		
Salaries & Wages		77,801
Supplies/Chlorine		40,100
Maintenance & Wtr. Testing		23,000
Power		2,000
Total		142,901

OTHER REVENUE REQUIREMENT CATEGORIES

TRANSMISSION & DISTRIBUTION:		
Salaries & Wages		228,303
Materials & Supplies		3,000
Telemetry		10,000
Engineering		-
Maintenance		127,000
Signal Channel		1,300
Total		369,603

CUSTOMER EXPENSE:		
Salaries & Wages		102,536
Meter Repair & Maintenance		2,000
Total		104,536

OTHER REVENUE REQUIREMENT CATEGORIES

GENERAL & ADMINISTRATIVE:		
Salaries & Wages		449,971
Benefits		503,523
Professional Services-SGMA		8,000
Legal Fees		20,000
Accounting/Audit Fees		21,500
Insurance		70,342
Auto Expense		33,500
Telephone Expense		20,588
Uniform Expense		3,510
Office Expense		22,260
Postage Expense		4,000
Computer Expense		32,200
License/Permits/LAFCO/Fees		30,000
Utilities		5,500
Medical Exams/Physicals		-
Manager Expense		4,500
115% Debt Service Reserve		535,971
Education/Training Expense		2,500
Membership Fees		17,000
Total		1,784,865

OTHER REVENUE REQUIREMENT CATEGORIES

GENERAL PLANT:		
Salaries & Wages		56,719
Maintenance		21,000
Safety Programs/Equip.		1,500
Small Tools		2,400
Supplies		1,000
Radio Maintenance		550
Property Tax & Obsolete Inventory		850
Depreciation		778,514
Total		862,533

PERSONNEL

- SALARIES & BENEFITS OF \$1,449,253 MAKES UP 11.6% OF TOTAL BUDGET EXPENDITURES
 - TOTAL SALARIES \$813,628 – 56.2% OF TOTAL PERSONNEL COSTS
 - INCREASE OF \$53,269 (7%) FROM 2021/22
 - TOTAL BENEFITS \$634,179 – 43.8% OF TOTAL PERSONNEL COSTS
 - RETIREE ASSOCIATED COSTS \$31,848 - 5% OF TOTAL BENEFITS
 - PERS ACTIVE EMPLOYEES -16% OF TOTAL BENEFITS
 - PERS UNFUNDED LIABILITY – 32.5% OF TOTAL BENEFITS
 - MEDICAL, DENTAL, VISION, ETC. – 25.5% OF TOTAL BENEFITS
 - VACATION/SICK LEAVE ACCRUAL – 21% OF TOTAL BENEFITS

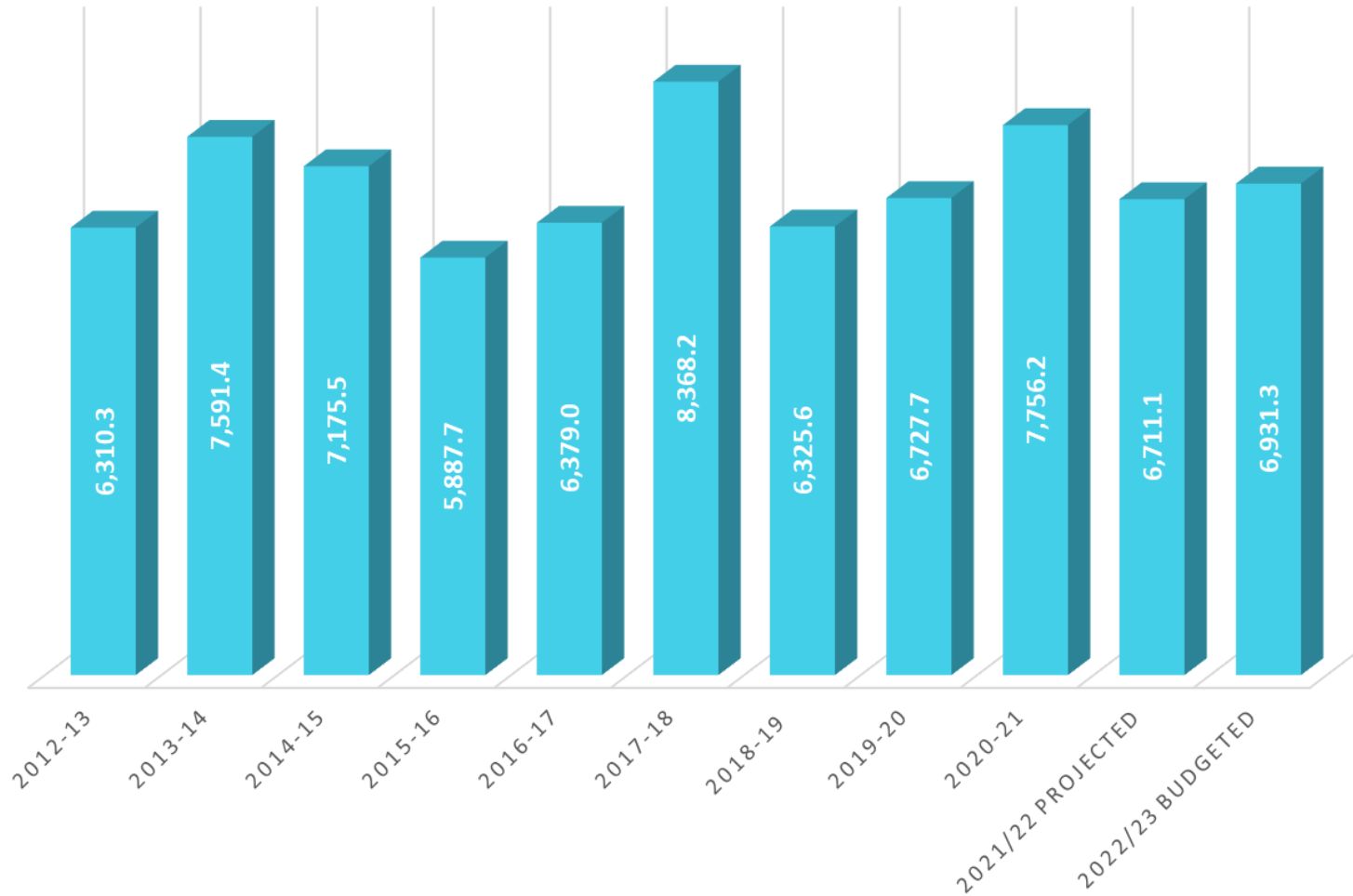
REVENUE RATES & CHARGES

- REVENUE GENERATION CATEGORIES

• WATER SALES & SERVICES	\$8,175,563
• SERVICE CONTRACTS	49,671
• CWA / MET FIXED COSTS	1,019,176
• MONTHLY METER FEES	797,129
• PUMP ZONE CHARGES	1,507,495
• MISC. NON-OPERATING REVENUE	<u>518,337</u>
TOTAL REVENUE	\$12,067,371*

- REVENUE SHORTFALL OF \$452,498 BEING MET BY RATE STABILIZATION FUNDS

WATER SALES - 10 YEAR AVERAGE



WATER SALES

ESTIMATED TO SELL 6,931.3 AF OF WATER IN 2022/23

- ESTIMATED SALES ARE BASED ON A 10-YEAR AVERAGE
 - PROJECTING A 7.2% INCREASE IN TOTAL SALES FOR 2022/23 COMPARED TO 2021/22 BUDGETED SALES

BASE WATER RATE

- THERE IS A PROPOSED INCREASE OF BETWEEN 1.2% AND 15.2% TO THE WATER COMMODITY RATE FOR THE 2022/23 FISCAL YEAR. THE DISTRICT HAS NOT INCREASED THE RATE IN 3 YEARS

Rate Category	Current		Proposed		% Increase	Per Unit Increase
	Per Unit	Acre Foot	Per Unit	Acre Foot		
Yuima PSAWR Agricultural Rate	\$ 3.2606	\$1,420.30	\$ 3.3001	\$1,437.51	1.2%	\$ 0.0395
Yuima Domestic and Non-PSAWR Agricultural Rate	\$ 4.2491	\$1,850.89	\$ 3.7822	\$1,647.52	-11.0%	\$ (0.4669)
IDA PSAWR Agricultural Rate	\$ 2.4715	\$1,076.59	\$ 2.6174	\$1,140.14	5.9%	\$ 0.1459
IDA Domestic and Non-PSAWR Agricultural Rate	\$ 3.1677	\$1,379.85	\$ 3.6480	\$1,589.08	15.2%	\$ 0.4803

RATE COMPARISON - DOMESTIC

DOMESTIC RATE				
DISTRICT		EFFECTIVE	DOMESTIC / Non-PSAWR AG*	PUMP ZONE CHARGE per AC.FT.
VALLECITOS WD		08/24/20	3,904.33	47.90 - 283.10
RAMONA MWD		02/15/21	2,857.54	574.99
RINCON DEL DIABLO		09/01/19	2,828.62	94.49
OLIVENHAIN MWD		03/01/22	2,972.54	-
VISTA IRRIGATION DISTRICT		04/01/22	2,257.47	-
VALLEY CENTER MWD		02/01/22	2,361.13	43.58 - 389.43
FALLBROOK PUD		01/01/21	2,703.95	365.90
RAINBOW MWD	Rainbow does not pay the CWA \$173 acre foot transportation charge	02/01/22	2,178.00	56.63 - 1372.14
YUIMA MWD - GENERAL DISTRICT		07/01/22	1,647.52	103.48
YUIMA MWD - GENERAL DISTRICT	Current	07/01/19	1,850.89	98.55
YUIMA MWD - IDA		07/01/22	1,589.08	73.62 - 354.59
YUIMA MWD - IDA	Current	01/01/22	1,379.85	70.11 - 337.70
AVERAGE ACRE FOOT RATE			2,530.02	58.75 - 367.92

RATE COMPARISON - AGRICULTURAL

AGRICULTURAL RATE					
DISTRICT		EFFECTIVE	PSAWR AGRICULTURAL*	PUMP ZONE CHARGE per AC.FT.	
RAMONA MWD		02/15/21	2,596.18	574.99	
RINCON DEL DIABLO		09/01/19	2,873.81	94.49	
OLIVENHAIN MWD		03/01/22	2,561.33	-	
VALLECITOS WD		08/24/20	2,069.10	47.90 - 283.10	
VISTA IRRIGATION DISTRICT		04/01/22	1,785.96	-	
VALLEY CENTER MWD		02/01/22	1,777.77	47.93 - 428.37	
FALLBROOK PUD		01/01/21	1,730.15	365.90	
RAINBOW MWD		02/01/22	1,494.72	56.63 - 1,372.14	
YUIMA MWD - GENERAL DISTRICT		1.20%	07/01/22	1,437.51	100.25
YUIMA MWD - GENERAL DISTRICT		Current	07/01/19	1,420.30	98.55
YUIMA MWD - IDA		5.90%	07/01/22	1,140.14	73.62 - 354.59
YUIMA MWD - IDA		Current	07/01/19	1,076.57	73.62 - 354.59
AVERAGE ACRE FOOT RATE			1,946.67	58.75	367.9153

Rainbow does not pay the CWA \$173 acre foot transportation charge

MONTHLY METER RATES

YUIMA MWD Proposed Meter Rates 2022/23

Monthly Meter Charges:

The flat monthly meter fee is designed to collect, in the most equitable way, the fixed costs of operating the District. These costs include maintenance or meters, storage facilities, pump stations, pipelines and customer service costs for meter reading and billing.

GENERAL DISTRICT					IDA				
Meter Size	Current Rate	Proposed Rate	Increase		Meter Size	Current Rate	Proposed Rate	Increase	
5/8"	\$ 36.81	\$ 36.81	0%		5/8"	\$ 36.81	\$ 36.81	0%	
1"	\$ 58.91	\$ 58.91	0%		1"	\$ 58.91	\$ 58.91	0%	
1 1/2"	\$ 110.50	\$ 110.50	0%		1 1/2"	\$ 110.50	\$ 110.50	0%	
2"	\$ 191.54	\$ 191.54	0%		2"	\$ 191.54	\$ 191.54	0%	
3"	\$ 353.59	\$ 353.59	0%		3"	\$ 353.59	\$ 353.59	0%	
4"	\$ 604.06	\$ 604.06	0%		4"	\$ 604.06	\$ 604.06	0%	
5"	\$ 854.51	\$ 854.51	0%		5"	\$ 854.51	\$ 854.51	0%	
6"	\$ 1,105.00	\$ 1,105.00	0%		6"	\$ 1,105.00	\$ 1,105.00	0%	
6" - IDA	\$ 1,105.00	\$ 1,105.00	0%		6" - IDA	\$ 1,105.00	\$ 1,105.00	0%	
8"	\$ 1,915.30	\$ 1,915.30	0%		8"	\$ 1,915.30	\$ 1,915.30	0%	
10" - IDA	\$ 2,872.27	\$ 2,872.27	0%		10" - IDA	\$ 2,872.27	\$ 2,872.27	0%	

Improvement District A Pays the fixed charges to the general district on their three master meters.

METER CHARGE COMPARISON

THE DISTRICT HAS NOT INCREASED THE MONTHLY METER FEE IN **5 YEARS**

EFFECTIVE	DISTRICT	5/8"	3/4"	1"	1 1/2"	2"	2 1/2"	3"	4"	5"	6"	8"
3/1/2022	OLIVENHAIN (2.5% increase)	30.90	40.41	68.93	106.94	167.16	303.41	331.93	550.57	-	1,149.45	2,068.36
2/1/2022	RAINBOW - Domestic Meter	37.59	37.59	62.65	125.30	200.48	-	438.55	789.39	-	1,628.90	-
2/1/2022	RAINBOW - <i>Agriculture Meter</i>	84.94	84.94	141.57	283.13	453.01	-	990.97	1,783.74	-	3,680.73	-
2/15/2021	RAMONA MWD	38.47	38.47	59.35	110.91	176.11	-	366.16	648.23	-	-	-
1/1/2019	RINCON DEL DIABLO	35.88	-	50.93	76.03	106.14	-	201.49	276.76	-	527.68	828.78
8/24/2020	VALLECITOS WD	36.55	36.55	53.31	137.11	220.91	-	338.23	505.83	-	1,008.63	-
2/1/2022	VALLEY CENTER MWD	-	45.12	61.64	92.46	123.28	-	184.92	-	-	-	-
4/1/2022	VISTA IRRIGATION DIST.	32.82	43.30	63.98	116.14	178.50	-	344.85	531.89	-	1,259.65	1,675.71
1/1/2022	FALLBROOK PUD	-	56.20	85.79	159.73	248.48	-	485.11	751.33	-	1,490.84	-
07/01/2017	YUIMA MWD - Current	36.81	-	58.91	110.50	191.54	-	353.59	604.06	854.51	1,105.00	1,915.30
07/01/2022	YUIMA MWD - No Increase	36.81	-	58.91	110.50	191.54	-	353.59	604.06	854.51	1,105.00	1,915.30

METER CHARGES – FIXED COST RECOVERY

- NO PROPOSED INCREASE TO MONTHLY METER CHARGE
- THE ESTIMATED FIXED COST RECOVERY IS 36.6%. THIS IS DOWN FROM FY 2021/22

YUIMA MUNICIPAL WATER DISTRICT			
DISTRICT FIXED COSTS			
Proposed 2022/23			
	2021/22 Budgeted	Combined Proposed Budget 2022/23	Notes
FIXED COSTS			
Capacity Reservation Charge (MET Fixed CY Chg)	\$160,410	\$162,447	<i>All CWA Fixed Costs are Draft Estimates. CWA has not yet approved their rates & charges. These are directly passed through to the customer.</i>
Customer Service Charge (CWA Fixed CY Chg)	330,516	341,335	
Readiness to Serve Charge (MET Fixed FY Chg.)	11,029	82,374	
Storage Charge (CWA. Fixed CY Chg.)	219,342	216,542	
Supply Reliability Charge (New CWA Fixed CY Chg)	<u>110,412</u>	<u>117,446</u>	
TOTAL FIXED COSTS FROM CWA/MET	\$831,709	920,144	
Customer Expense	61,647	104,536	
Fixed Cost- Tap Meters / CWA Pass-Thru	336,417	382,697	<i>IDA Fixed Costs are estimated</i>
General & Administrative	1,627,225	1,784,865	
General Plant	84,019	83,170	<i>Excluding Depreciation</i>
Less: Service Contracts	-32,200	-175,072	
Less: Water Services	<u>-800</u>	<u>-5,858</u>	
TOTAL PROJECTED FIXED COSTS	\$2,076,308	\$2,174,338	
REVENUES			
Revenue's Allocated to fixed cost recovery			
Meter Charge Revenue	<u>797,129</u>	<u>\$ 796,514</u>	
Fixed Cost Recovery	38.39%	36.6%	

Pump Zone	Current	
	Per Unit	Acre Foot
Zone 1	\$0.16900	\$73.62
Zone 2	\$0.37914	\$165.15
Zone 3	\$0.64249	\$279.87
Zone 4	\$0.81402	\$354.59
Zone 5	\$0.23014	\$100.25
Zone 6	\$0.23014	\$100.25
Zone 7	\$0.81402	\$354.59
Zone 11	\$0.23755	\$103.48

PUMP ZONE RATES

- THERE IS NO PROPOSED INCREASE IN THE PUMPING RATE FOR THE 2022/23 FISCAL YEAR.
- THERE IS A SLIGHT DECREASE IN YUIMA GENERAL DISTRICT DUE TO SAVINGS FROM MORE EFFICIENT PUMPS AT THE NEW FOREBAY STATION

	-----COMBINED-----				-----GENERAL DISTRICT-----			-----IMPROVEMENT DISTRICT A-----		
	PROPOSED BUDGET 2022/2023	2021/22 BUDGET	2021/22 PROJECTED TO 06/30/22	2020/21 ACTUAL 06/30/21	PROPOSED BUDGET 2022/2023	2021/22 PROJECTED TO 06/30/22	2020/21 ACTUAL 06/30/21	PROPOSED BUDGET 2022/2023	2021/22 PROJECTED TO 06/30/22	2020/21 ACTUAL 06/30/21
OPERATING REVENUES *	6931.3 ac. ft.	* 6,460.6 ac. ft.	* 6,926.7 ac. ft.	* 6,662.7 ac. ft.	4,326.3 ac. ft.	5,081.2 ac. ft.	4,830.3ac. ft.	4,461.0 ac. ft.	4,602.6 ac. ft.	4,337.3 ac. ft.
Water Sales ¹	8,169,705 ⁽¹⁾	7,108,837	7,130,814	8,595,553	7,033,664	6,800,324	7,704,943	5,594,206	5,294,887	5,534,006
Water Services	5,858	(800)	(1,899)	81,461	5,858	(1,974)	81,461	-	75	-
Service Contracts	49,671	32,200	34,741	32,222	49,671	34,741	32,222	-	-	-
CWA/MET Fixed Costs	1,019,176	831,709	982,463	892,789	1,019,176	982,463	892,789	-	-	-
Meter Charges	797,129	787,126	784,425	784,650	325,800	325,750	324,948	471,329	458,675	459,702
Pump Zone Charges	1,507,495	1,365,471	1,603,910	1,716,082	479,095	525,846	598,658	1,028,400	1,078,064	1,117,424
Total Operating Revenues	11,549,034	10,124,543	10,534,454	12,102,757	8,913,264	8,667,149	9,635,023	7,093,935	6,831,702	7,111,132
OPERATING EXPENSES										
SOURCE OF SUPPLY:								* 2,303.0 ac.ft.	* 2,757.1 ac.ft.	* 2,504.9 ac.ft.
Purchased Water - SDCWA	6,498,303	4,968,563	6,124,180	6,849,214	6,498,302	6,124,180	6,849,214	4,458,165	4,964,397	4,643,396
Purchased Water - Local	-	16,400	1,135	180,424	-	1,135	180,424	-	-	-
CWA/MET Fixed Costs	1,019,176	831,709	995,346	902,400	1,019,176	995,346	902,400			
Total	7,517,479	5,816,672	7,120,661	7,932,038	7,517,478	7,120,661	7,932,038	4,458,165	4,964,397	4,643,396
PUMPING:										
Salaries & Wages	28,954	21,882	22,223	21,352	1,111	751	49	27,843	21,471	21,303
Power	1,663,000	1,425,931	1,737,732	1,570,245	473,000	522,073	504,058	1,190,000	1,215,659	1,066,187
Maintenance	46,000	57,100	48,006	43,705	5,000	5,120	2,980	41,000	42,885	40,725
Total	1,737,954	1,504,914	1,807,960	1,635,303	479,111	527,945	507,088	1,258,843	1,280,016	1,128,215
WATER TREATMENT:										
Salaries & Wages	77,801	54,906	61,694	47,481	32,443	13,418	13,211	45,358	48,276	34,269
Supplies/Chlorine	40,100	44,095	43,122	43,866	2,500	3,905	2,789	37,600	39,217	41,077
Maintenance & Wtr. Testing	23,000	44,000	23,703	22,596	6,000	5,971	8,225	17,000	17,732	14,371
Power	2,000	5,250	1,764	2,574	1,500	1,434	2,263	500	330	311
Total	142,901	148,251	130,283	116,516	42,443	24,728	26,488	100,458	105,555	90,028
TRANSMISSION & DISTRIBUTION:										
Salaries & Wages	228,303	263,614	224,457	136,866	105,234	94,194	65,780	123,069	130,263	71,086
Materials & Supplies	3,000	6,000	1,958	2,879	2,000	1,427	2,479	1,000	531	399
Telemetry	10,000	1,000	22,848	10,321	5,000	8,060	3,902	5,000	14,788	6,418
Engineering	-	4,000	443	4,688	-	148	1,563	-	296	3,125
Maintenance	127,000	117,747	59,363	74,370	37,000	43,040	30,549	90,000	16,176	43,821
Signal Channel	1,300	8,000	1,089	1,284	1,000	993	1,188	300	96	96
Total	369,603	400,361	310,159	230,405	150,234	147,863	105,461	219,369	162,149	124,945

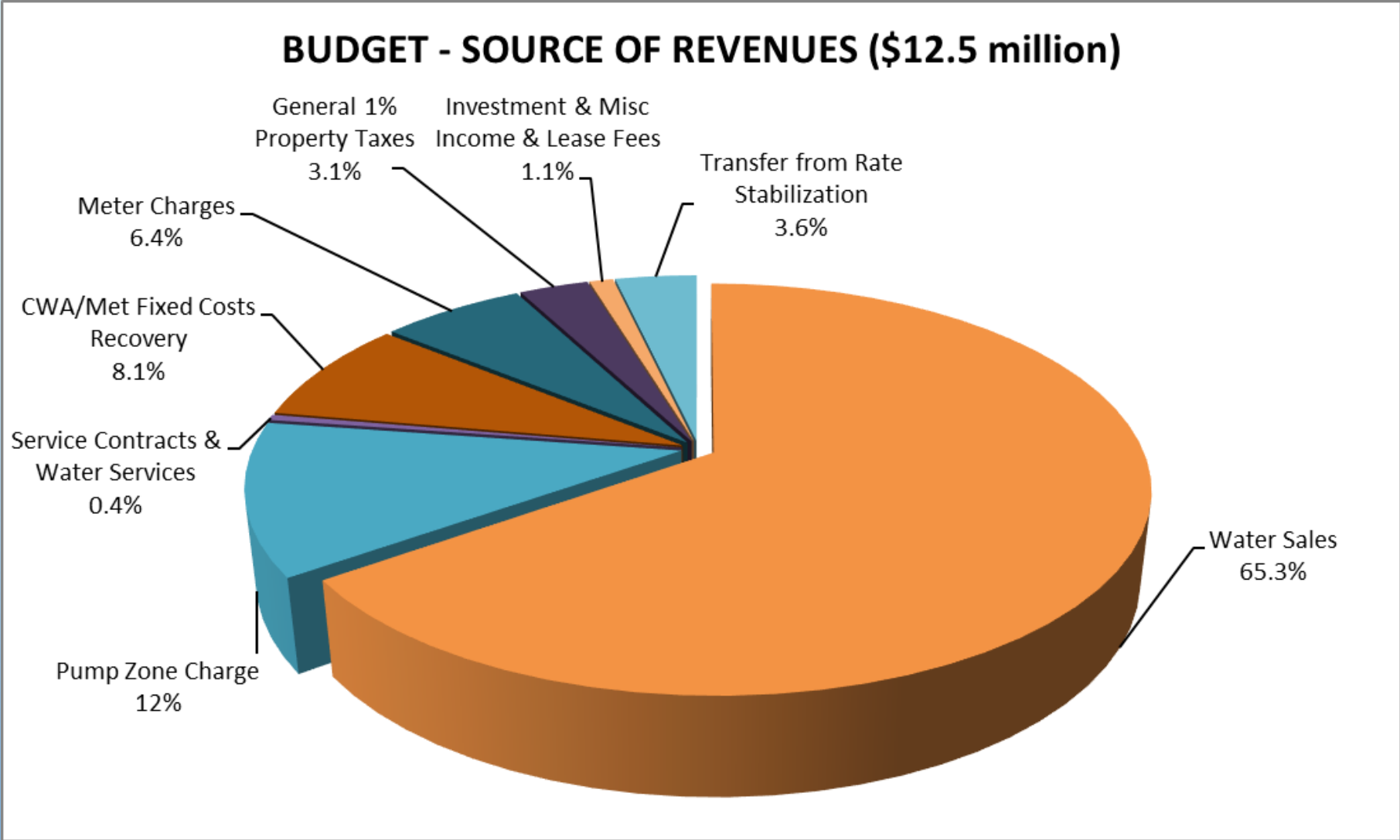
¹ Combined Water Sales figures have been reduced by the amount allocated for IDA purchased water to eliminate duplication of inter-district exchange.

		-----COMBINED-----			-----GENERAL DISTRICT-----			-----IMPROVEMENT DISTRICT A-----		
	PROPOSED	2021/22	2021/22	2020/21	PROPOSED	2021/22	2020/21	PROPOSED	2021/22	2020/21
	BUDGET	BUDGET	PROJECTED TO	ACTUAL	BUDGET	PROJECTED TO	ACTUAL	BUDGET	PROJECTED TO	ACTUAL
	2022/2023		06/30/22	06/30/21	2022/2023	06/30/22	06/30/21	2022/2023	06/30/22	06/30/21
CUSTOMER EXPENSE:										
Salaries & Wages	102,536	44,762	100,510	65,519	51,018	45,423	30,114	51,518	55,087	35,406
Meter Repair & Maintenance	2,000	16,885	9,225	8,433	500	83	4,507	1,500	9,142	3,926
Total	104,536	61,647	109,735	73,951	51,518	45,506	34,620	53,018	64,229	39,332
GENERAL & ADMINISTRATIVE:										
Salaries & Wages	449,971	343,495	285,766	206,659	187,638	118,128	92,388	262,333	167,638	114,270
Benefits	503,523	756,026	833,528	695,858	210,803	294,905	301,004	292,720	403,065	394,854
Professional Services-SGMA	8,000	7,000	8,079	15,084	3,336	3,340	6,816	4,664	4,739	8,268
Legal Fees	20,000	55,000	29,573	82,942	8,340	10,129	40,930	11,660	19,444	42,012
Accounting/Audit Fees	21,500	15,500	23,279	18,485	8,966	8,104	8,671	12,535	15,175	9,814
Insurance	70,342	66,962	75,417	70,994	29,333	33,418	30,492	41,009	41,999	40,502
Auto Expense	33,500	20,850	27,727	35,772	13,970	13,563	16,183	19,531	14,164	19,589
Telephone Expense	20,588	10,350	13,446	11,436	8,585	5,639	5,181	12,003	7,807	6,255
Uniform Expense	3,510	7,810	3,415	2,996	1,464	1,417	1,328	2,046	1,998	1,668
Office Expense	22,260	14,265	23,212	27,113	9,282	9,633	13,082	12,978	13,579	14,031
Postage Expense	4,000	2,000	4,550	3,079	1,668	1,866	1,418	2,332	2,685	1,661
Computer Expense	32,200	31,010	42,059	32,808	13,427	17,224	10,937	18,773	24,835	21,871
License/Permits/LAFCO/Fees	30,000	12,750	21,043	21,320	12,510	11,996	7,817	17,490	9,047	13,503
Utilities	5,500	4,200	5,468	10,043	2,294	2,285	4,714	3,207	3,183	5,330
Medical Exams/Physicals	-	-	380	99	-	158	39	-	223	60
Manager Expense	4,500	1,000	6,425	1,976	1,877	2,482	883	2,624	3,943	1,092
115% Debt Service Reserve	535,971	263,340	-	-	388,958	-	-	147,013	-	-
Education/Training Expense	2,500	-	5,764	877	1,043	1,996	384	1,458	3,768	493
Membership Fees	17,000	16,000	20,174	16,036	7,089	7,062	7,504	9,911	13,113	8,531
Total	1,784,865	1,627,558	1,429,307	1,253,578	910,581	543,345	549,771	874,284	750,404	703,804
GENERAL PLANT:										
Salaries & Wages	56,719	60,893	44,978	54,273	23,652	19,259	28,172	33,067	25,719	26,102
Maintenance	21,000	8,000	31,299	40,098	8,757	12,476	13,060	12,243	18,823	27,037
Safety Programs/Equip.	1,500	1,500	1,233	4,368	626	510	2,139	875	723	2,230
Small Tools	2,400	1,200	2,241	4,667	1,001	954	1,985	1,399	1,287	2,683
Supplies	1,000	500	1,018	1,942	417	423	823	583	595	1,118
Radio Maintenance	550	550	532	463	229	151	207	321	382	256
Property Tax & Obsolete Inventory	850	850	355	414,082	500	355	132,625	350	-	281,457
Depreciation	778,514	778,514	778,514	652,405	393,514	393,514	279,810	385,000	385,000	372,596
Total	862,533	852,007	860,170	1,172,298	428,696	427,642	458,819	433,838	432,528	713,478
TOTAL OPERATING EXPENSE	12,519,870	10,411,410	11,768,275	12,414,088	9,580,059	8,837,689	9,614,285	7,397,974	7,759,276	7,443,199
OPERATING MARGIN	(970,836)	(286,867)	(1,233,821)	(311,331)	(666,795)	(170,540)	20,738	(304,039)	(927,574)	(332,067)

1,447,807

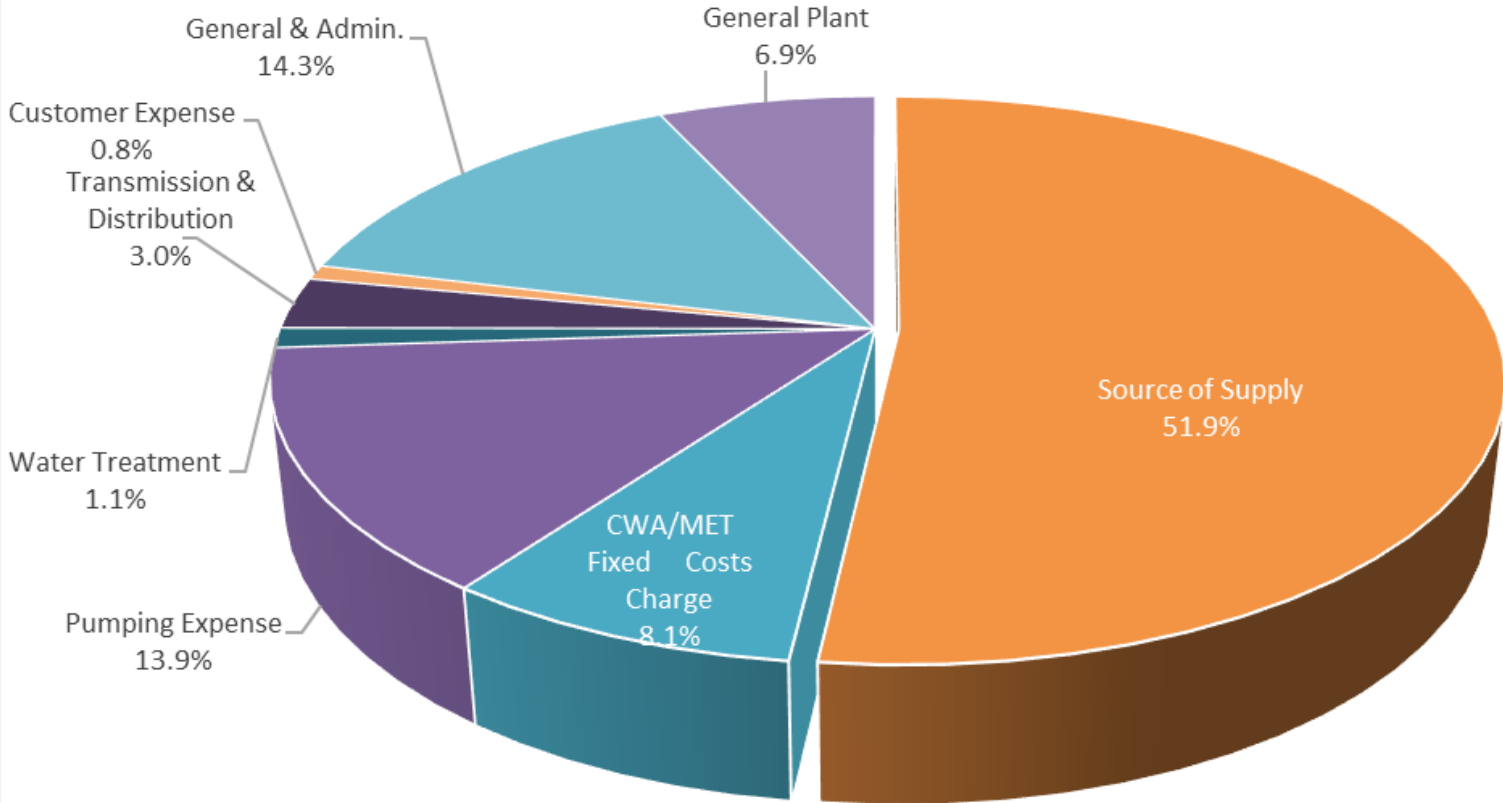
	-----COMBINED-----				-----GENERAL DISTRICT-----			-----IMPROVEMENT DISTRICT A-----		
	PROPOSED BUDGET 2022/2023	2021/22 BUDGET	2021/22 PROJECTED TO 06/30/22	2020/21 ACTUAL 06/30/21	PROPOSED BUDGET 2022/2023	2021/22 PROJECTED TO 06/30/22	2020/21 ACTUAL 06/30/21	PROPOSED BUDGET 2022/2023	2021/22 PROJECTED TO 06/30/22	2020/21 ACTUAL 06/30/21
OPERATING MARGIN - from page 2	(970,836)	(286,867)	(1,233,821)	(311,331)	(666,795)	(170,540)	20,738	(304,039)	(927,574)	(332,067)
NON-OPERATING REVENUES										
Tax Revenue - General	384,832	384,832	388,043	494,136	323,622	326,833	419,135	61,210	61,210	75,001
Water Availability	68,935	68,935	71,369	98,071	42,975	45,303	67,041	25,960	26,066	31,030
MET Stand-by credit	-	107,731	107,695	103,172	-	80,059	75,316	-	27,635	27,856
MET Ready-to-Serve charge	-	-	-	-	-	-	-	-	-	-
Connection Fees/Debt Service Interest	(147,349)	(163,990)	(106,239)	(160,641)	(123,225)	(69,100)	(131,779)	(24,124)	(37,138)	(28,863)
SDCWA-Infrastructure Access Charge Collected	29,402	26,532	30,883	28,482	29,402	30,883	28,482	-	-	-
Misc. Income & Lease Fees	125,401	117,942	212,466	273,243	-	88,978	150,793	125,401	123,488	122,450
Interest on Investments & Deliq. Accts.	31,500	48,500	(33,714)	50,295	17,500	(76,186)	18,584	14,000	4,970	31,711
County Contribution to Fire Protection	-	-	-	6,421	-	-	6,421	-	-	-
	-	-	-	-	-	-	-	-	-	-
NON-OPERATING EXPENSES										
Water Availability to Capital Reserve	(68,935) ⁽²⁾	(68,935)	(71,369)	(98,071)	(42,975)	(45,303)	(67,041)	(25,960)	(26,066)	(31,030)
MET Stand-by charge to Capital	- ⁽³⁾	(107,730)	(107,695)	(103,172)	-	(80,059)	(75,316)	-	(27,635)	(27,856)
MET Ready-to-serve to Capital	- ⁽⁴⁾	-	-	-	-	-	-	-	-	-
Conn. Fees/Debt Int Exp. to Capital	147,349 ⁽⁵⁾	163,990	100,056	160,641	123,225	69,100	131,779	24,124	30,956	28,863
SDCWA-Infrastructure Access Charge	(39,547) ⁽⁶⁾	(36,678)	(40,338)	(37,655)	(29,402)	(30,875)	(28,836)	(10,146)	(9,464)	(8,819)
50% Invest Rev. to Capital Reserve	(13,250) ⁽⁷⁾	(32,250)	(13,886)	(22,981)	(8,750)	(9,905)	(14,417)	(4,500)	(3,981)	(8,564)
Transfer Fire Protection Funds to Fire	-	-	653	(5,036)	-	-	(6,421)	-	653	1,385
Trans. to Capital Reserves	- ⁽⁸⁾	(222,016)	-	(222,016)	-	-	-	-	-	(222,016)
Transfer from Rate Stabilization Fund	452,498	-	708,671	-	334,425	-	-	118,073	708,671	-
Total Non-Operating Revenues	970,835	286,863	1,246,596	564,889	666,797	329,729	573,741	304,038	879,366	(8,852)
NET MARGIN	(0)	-	12,775	253,558	2	159,189	594,478	(0)	(48,209)	(340,919)
RECAP										
TOTAL INCOME	12,519,870	10,411,406	11,781,050	12,667,646	9,580,061	8,996,878	10,208,764	7,397,973	7,711,068	7,102,280
TOTAL EXPENSE	12,519,870	10,411,406	11,768,274	12,414,088	9,580,059	8,837,689	9,614,285	7,397,974	7,759,276	7,443,199
NET MARGIN	(0)	0	12,776	253,558	2	159,189	594,478	(0)	(48,209)	(340,919)

BUDGET RECAP - SOURCE OF REVENUES 2022-23



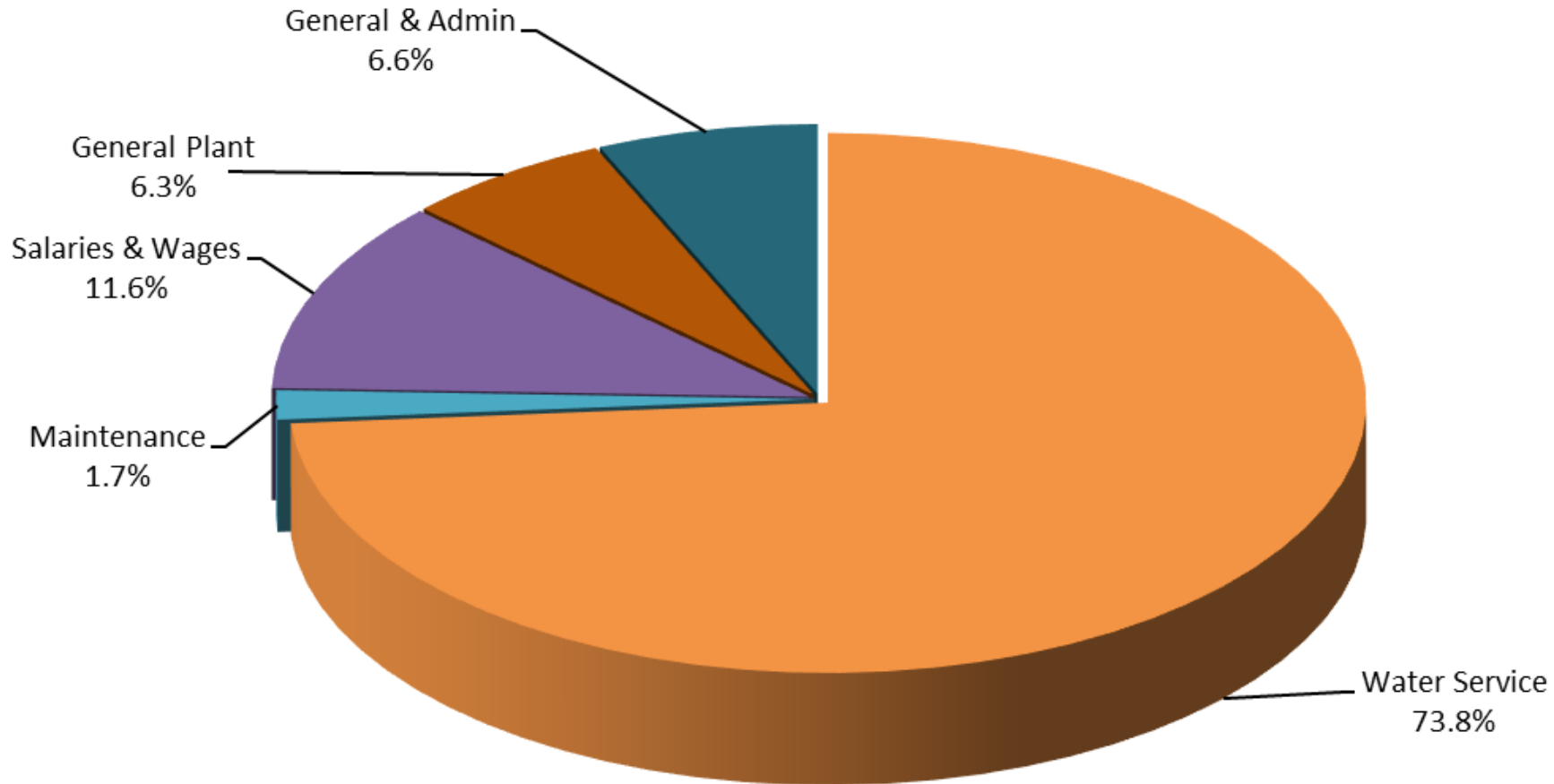
**BUDGET RECAP - EXPENDITURES BY BUDGET ELEMENTS
2020-2021**

MAJOR BUDGET ELEMENTS - EXPENDITURES (\$12.5 million)



**BUDGET RECAP - EXPENSE BY MAJOR CATEGORY
2022-23**

MAJOR BUDGET CATEGORIES - EXPENDITURES (\$12.5 million)



IV.
INFORMATION / REPORTS



GENERAL MANAGER'S NEWS & NOTES

MONTHLY NEWS & UPDATES

TOP NEWS

MWD Adopted Biennial Budget and Rates

On April 12, the Metropolitan Water District (MWD) board unanimously adopted its fiscal years (FYs) 2023 and 2024 biennial budget and approved a rate option of 5% annual “overall” rate increases for calendar years (CYs) 2023 and 2024. Compared to MWD staff’s original proposal of a 9% “overall” rate increase in 2023 followed by an 8% increase in 2024, with the adopted rates, the Water Authority ratepayers will avoid more than \$15 million in MWD costs over the biennium. The diligent work by the Water Authority Delegates, with support from the Water Authority team, played a significant role in achieving the lower rate increases. The lower rates were achieved by reducing MWD staff’s original biennial budget proposal’s operations and maintenance costs by \$40 million and assuming MWD secures \$26 million of new “miscellaneous” revenues from grant awards and/or other sources including the sale of surplus property or partnership for various projects—like wind or solar energy developments—on MWD’s property. The board also adopted a resolution finding that suspending the ad valorem property tax limitation (under MWD Act Section 124.5) for fiscal years 2023 through 2026 is “essential” to MWD’s “fiscal integrity.”

At budget Workshop #5, one day before the board was scheduled to vote, MWD staff presented two new options: one proposed 6.5% annual “overall” rate increases and the other 5.5% annual “overall” rate increases in 2023 and 2024. Director Tracy Quinn, representing the city of Los Angeles, offered a proposal for 5% annual “overall” rate increases consistent with the rate forecasts presented in

the 10-year rate forecast adopted in 2020. All three options were considered, but none gained a majority support at the committee.

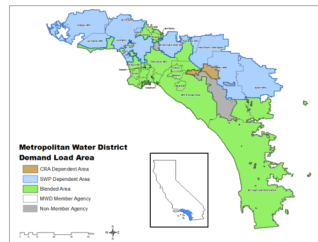
At the subsequent day’s board meeting, General Manager Hagekhalil presented a new option—the one adopted unanimously by the board—of 5% annual “overall” rate increases. As part of MWD’s rate adoption, Hagekhalil committed to returning to the board in December 2022 with a budget update, including MWD’s ability to secure new revenues. If MWD is unable to obtain these revenues, Hagekhalil assured the board that staff will further reduce costs rather than using reserves to close any revenue shortfall.

Throughout MWD’s roughly two-month budget and rate setting process, members of the public [urged](#) MWD to lower its proposed CYs 2023 and 2024 water rates and charges, including from the San Diego region. The Water Authority thanks its member agencies for their support in achieving the lower rate increases, including [City of Escondido](#), [Helix Water District](#), [Olivenhain Municipal Water District](#), [Otay Water District](#), [Santa Fe Irrigation District](#), [Sweetwater Authority](#), and [Valley Center Municipal Water District](#), which submitted comment letters. To learn more about MWD’s adopted budget and rates and the board’s discussion on the topic, see the *Metropolitan Water District Delegates’ Report* starting on page 1 in the Water Authority’s [April 2022 Board supplemental materials](#) and the *Metropolitan Water District’s Adopted 2023 and 2024 Biennial Budget and Rates* memo starting on page 6 of the Water Authority’s [April 2022 Board packet](#).

TOP NEWS

State Water Project Exclusive Areas in MWD's Service Area

Due to Metropolitan Water District (MWD) distribution system constraints, there are certain agencies within the northern and eastern portion of MWD's service area that do not have access to MWD's Colorado River supplies or in-region storage supplies and rely exclusively on MWD's State Water Project (SWP) supplies for their imported water needs. About one-third of MWD's 19-million-person service area lives within SWP exclusive areas, as shown in blue on the map.



Worsening hydrologic conditions caused the Department of Water Resources to reduce the 2022 allocation from 15% to 5% in March 2022. At a 5% allocation, MWD will not be able to meet the 2022 imported water demands of its SWP exclusive areas and is seeking health and safety supplies from the state to partially close the supply gap in the SWP exclusive areas. The health and safety deliveries will not be sufficient to meet its SWP exclusive demands. On April 26, the MWD board adopted a resolution to declare that a Water Shortage Emergency Condition exists in the SWP exclusive areas and the Emergency Water Conservation Program framework, which requires affected member agencies to restrict outdoor irrigation to one day per week or comply with monthly allocation limit. If drought or supply conditions do not improve, General Manager Hagekhalil may ban all non-essential outdoor irrigation in the SWP exclusive areas as early as September 1.

Starting in 2021, seeing the persistent worsening hydrologic trends, the MWD board approved several projects, agreements, and planning efforts intended to reduce SWP demands in the exclusive areas and at the same time expand the areas' access to transfers and other sources of supply in the short- and long-term. For example, MWD and the Water Authority entered into an agreement in 2022 for MWD to purchase 4,200 acre-feet of the Water Authority's stored supplies in Semitropic Water Storage District (Semitropic) and lease 5,000 acre-feet of annual return capacity in Semi-

tropic, providing MWD with additional access to its stored water. As of April 27, 2022, MWD has used 1,594 acre-feet of the Water Authority's stored water in Semitropic. Additionally, MWD's fiscal years 2023 and 2024 Capital Investment Plan contains \$46 million for drought-response projects, including for several system improvement projects to expand SWP exclusive area access to other sources of supply.

A key finding from MWD's 2020 Integrated Water Resources Plan (IRP) Regional Needs Assessment is that the SWP exclusive areas are particularly prone to continued reliability challenges especially due to MWD's inability to serve all its stored water to these areas. The Water Authority Delegates will continue to engage in MWD's ongoing long-term reliability and financial planning efforts, including the 2020 IRP implementation phase and long-range financial planning effort, with a focus on ensuring water affordability and equity at MWD. To learn more about the issues facing MWD's SWP exclusive areas, see the *Metropolitan Water District's State Water Project Exclusive Areas* memo starting on page 13 of the Water Authority's [April 2022 Board packet](#).

Water Utility Climate Alliance Staff Workshop Explores Climate Challenges through the Lens of Equity

The San Diego County Water Authority is one of the founding members of the Water Utility Climate Alliance (WUCA), established in 2007. WUCA is made up of 12 of the nation's largest water providers with a focus on advancing climate change adaptation, planning, and decision-making to ensure that water utilities, and the communities they serve, can thrive in the face of emerging challenges. WUCA's recently adopted 2022-2026 Strategic Plan includes an objective to incorporate the consideration of equity into all of WUCA's work. To kick off this effort, WUCA partnered with the U.S. Water Alliance to explore potential roles for water utilities in terms of equity when forming and implementing climate adaptation strategies and develop an 'equity framework' that will guide WUCA over the next four years.

COMMUNITY OUTREACH

Water Utility Climate Alliance Staff Workshop Explores Climate Challenges through the Lens of Equity (continued)

On April 19, staff from the Water Authority met with staff from other WUCA member agencies in Las Vegas for a two-day workshop. Discussion topics included an overview of the link between water equity and climate along with mapping opportunities to embed equity considerations in water agencies' responses to climate change impacts – facilitated by the U.S. Water Alliance – and planning for the 2023 Workplan. The group shared their agency's recent work in climate adaptation/mitigation and brainstormed knowledge gaps around the intersection of water, equity, and climate to help form focus areas moving forward. In November of this year, an Executive Meeting will be held in Atlanta, GA, where WUCA staff will further explore equity considerations in the climate space and recommend projects for WUCA's 2023 Workplan.

Water Authority Hosts ACWA Reception with OCWD

On April 21, the San Diego County Water Authority and Orange County Water District (OCWD) co-hosted a reception in Laguna Hills to celebrate the Association of California Water Agencies (ACWA) has for the first time being led by two women: President [Pamela Tobin](#) and Vice-Chairperson [Cathy Green](#). Event partners included Moulton Niguel and Mesa water districts, and Brownstein Hyatt Farber Schreck; Brown and Caldwell; 3I Strategies; and LEE + RO sponsored the reception. The reception celebrated the two water leaders and was attended by several elected officials. Water Authority Chair Croucher introduced Tobin and discussed her many accomplishments and achievements both within the water industry and outside of it, including her involvement in training therapy dogs for veterans. Tobin was elected Vice President of ACWA in 2019 after serving as Chair of the Region 4 Board in 2018 and 2019. Green has been involved in ACWA's Region 10 and various committee activities since 2012. Water Authority Directors Michael Hogan, Marty Miller, and Tim Smith also attended the event, along with General Manager

Sandy Kerl and Assistant General Manager Tish Berge. Water Authority MWD Program Director Amy Chen was on the planning committee working with the Orange County partners to put the event together.



From left to right: OCWD Board President Steve Sheldon; ACWA Vice President Cathy Green, Assemblymember Laurie Davies; ACWA President Pamela Tobin; Assemblymember Steven Choi; and Water Authority Board Chair Gary Croucher attend the ACWA Reception honoring Tobin and Green.

Salton Sea Summit Brings Stakeholders Together

Water Authority staff attended the 2022 Salton Sea Summit organized by the University of California, Riverside (UCR) Palm Desert Center and the Pacific Institute on April 6 and 7. The annual summit—returning for the first time since the start of the pandemic—was held at the UCR campus in Palm Desert and provided a chance for staff to engage with stakeholders from around Southern California in discussions on the current status of the Salton Sea and future state-led restoration efforts. Panel discussions ranged from the impacts of the drought at the sea, to projects meant to protect human health, to the potential for lithium development at the sea. As a partnering agency on the Quantification Settlement Agreement Joint Powers Authority (QSA JPA), the Water Authority helps fund an air quality mitigation program at the sea, which is separate but complementary to the state's restoration program. The QSA JPA has implemented well over 2,000 acres of air quality projects with another 7,000 acres in different stages of planning and development. To learn more about the QSA JPA's mitigation program, see the website administered by the Water Authority at www.qsajpa.org.



A panel consisting of the state, the Audubon Society and UC Riverside researchers discuss restoration projects under development at the Salton Sea during the 2022 Salton Sea Summit on April 6

COMMUNITY OUTREACH

Digital Water Education Workbook Wins International Award



The Water Authority's digital water education workbook for upper elementary students was recognized for excellence with a Silver Award by the Horizon Interactive Awards in March.

The Horizon Interactive Awards is a leading international interactive media competition, which received more than 700 entries from around the world, including 26 US states and 21 countries. An international panel of judges, consisting of industry professionals with diverse backgrounds evaluated projects submitted in nearly 60 different categories.

The Water Authority's digital education workbook was developed in 2021 to fill online educational needs during the COVID-19 pandemic, but it has since been used by teachers even as students return to classrooms. The workbook is aligned with state science standards and highlights topics such as the water cycle, water-use efficiency, and water supplies in San Diego County.

The workbook was developed in partnership with member agencies and Novus Origo, a local, veteran-owned small business that specializes in digital learning solutions. The Water Authority is also planning to develop a digital workbook for its award-winning Citizens Water Academy program.

San Diego County Students Find Practical Water Solutions

On April 28, the Water Authority Board of Directors showcased this year's group of award winners from the Greater San Diego Science and Engineering Fair. The



try.

Each year, the fair showcases hundreds of innovative projects created by middle and high school students. The water-related projects often aim to solve a variety of global water issues.

In the senior division, Issa Alwazir from Bright Horizon Academy in San Diego designed and built a water filter that can produce drinkable water using natural resources that are found in developing nations. Fahad Majidi, also from Bright Horizon Academy, won second place in the senior division with a system for filtering greywater for residential use. Fahad tested his device on water in his home and is building a larger scale version for next year. William Maywood from Bonita Vista High School in Chula Vista earned third place in the senior division. William tested Otay Lakes Reservoir's water quality to determine its probability for eutrophication, which is when the richness of the nutrients in a body of water reaches increased or excessive levels.

In the junior division, Alana Bridges from St. Gregory the Great Catholic School in San Diego won first place by testing several methods of water purification, including solar disinfection, bleach and a natural filter, to determine which produced the purest water. In second place, Paddy Ward from St. Didacus Parish School in San Diego used PVC pipes to design and build a drip irrigation system that could scale for agricultural use. Cassidy Chan and Jessica Talavera from St. Michael's School in Poway teamed up to win third place in the junior division. Their project was focused on testing different methods of desalinating water to determine which was most effective.

Through the K-12 education program and events like the Science and Engineering Fair, the Water Authority encourages students throughout the region to become next generation of water industry professionals.

COMMUNITY OUTREACH

April Colorado River Board of California (CRB) Meeting Held In-Person

The CRB is a state agency tasked with protecting the interests and rights of the state and its agencies in the water and power resources from the Colorado River. CRB represents California in discussions and negotiations with the Basin States, the Bureau of Reclamation, governmental agencies at all levels, and Mexico regarding the management of the river. As a member of the CRB, the Water Authority participates in critical Basin State discussions, working collaboratively to address river issues. For the last two years, the monthly CRB meetings have been held virtually, but on April 13—for the first time since the start of the pandemic—the meetings have resumed to fully in person in Ontario, California. Water Authority CRB representative Jim Madaffer and Colorado River Program staff attended, engaging with other CRB members and agency staff, some of whom travel from as far as El Centro and Blythe. It was evident that everyone missed these opportunities to engage and strengthen existing relationships as well as create new ones. CRB meetings are expected to be held in person going forward.



The First Aqueduct is comprised of a system of two pipelines and three concrete lined tunnels. The tunnels are used to transport the water through several hills. A concrete bifurcation structure on the upstream side of each tunnel combines the treated water from each pipeline into the tunnel. Once the treated water exits the tunnel a concrete bifurcation structure splits the flow into each pipeline.



Figure 1: Treated Water Tunnel Bifurcation

The six bifurcation structures were constructed in the 1940's, and subsequently modified when this portion of the First Aqueduct was converted for treated water deliveries. The Hubbard Hill vents were constructed on each pipeline to provide an air gap between the treated and untreated water systems on the First Aqueduct.

Several structural studies determined the bifurcation structures shown in Figure 1, as well as the aqueduct vents at Hubbard Hill, shown in Figure 2, were seismically vulnerable and have the potential to fail in a seismic event.

The Structural improvements at these facilities will mitigate the seismic vulnerabilities enabling these essential facilities to provide treated water to Member Agencies immediately after a seismic event.

Design work is expected to start this summer and complete in summer 2023. Construction is expected to complete by October 2024. Improving the structural resiliency of these facilities will further enhance the Water Authority's continued ability to deliver safe and reliable water to its member agencies.



Figure 2—Hubbard Hill Vent

Improving Structural Resiliency of Treated Water Facilities on the First Aqueduct

In its ongoing efforts to provide a safe and reliable water supply, the Water Authority recently analyzed the structural vulnerability of multiple water facilities. The analysis identified the need for structural improvements on the First Aqueduct tunnel bifurcation structures and the Hubbard Hill vents.

DEPARTMENT NEWS

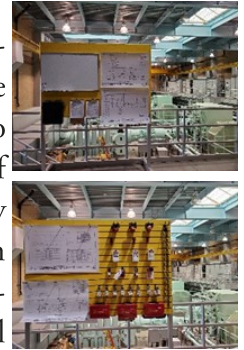
LOTO (Lockout Tag- Out) Boards

The Water Authority's aqueduct system includes six pump stations and two hydroelectric facilities. The pumps vary in size and complexity with Escondido Pump Station having 100 hp motors to the 7000 hp motors at San Vicente Pump Station. The pump stations are on standby status, except for the Valley Center pump station which operates daily. The maintenance of the pump stations and hydroelectric facilities is affected by the size, complexity, and operational status. Each facility requires preventative maintenance with annual electrical maintenance being the largest portion. In addition to the annual electrical maintenance, routine inspections, scheduled maintenance (weekly, monthly), and repair of mechanical and electrical equipment are also performed. For the Rotating Equipment Technicians to work safely, equipment must be isolated from all sources of energy, tested to ensure it is completely isolated, and properly Locked Out and Tagged Out (LOTO). The equipment isolation follows the Water Authority procedures and NFPA70E standards.

The Rotating Equipment Team decided to equip each station with the LOTO materials. This decision was based primarily on safety, ensuring all the LOTO equipment was on site instead of having it on technicians' service trucks and when an individual walks into the station they can see the status of what equipment is locked out. Costs were also considered, it was more cost-effective to equip the stations than to stock each technician's service truck with LOTO materials for the stations due to some LOTO's requiring up to 200 locks and tags. The LOTO materials needed to be presented in such a manner that other technicians could use them, so the LOTO boards were created.

The Rotating Equipment Team installed a LOTO board at each pump station. A board contains all the equipment and information to perform equipment LOTOs at each facility such as locks, tags, plastic ties, chains, LOTO boxes, schematics, drawings, switching operations forms, and safety tape.

The photos on the right show the rolling LOTO Board for the San Vicente Pump Station. The board is mobile to add ease of use and due to the lack of a good location to permanently mount it. The materials are placed on both sides of the board and can accommodate LOTOs for an annual electrical maintenance.



The Lake Hodges Pump Storage Project Facility approach to LOTO board implementation required installing a board at each facility level, there are eight floors plus the switchyard. Each board is meticulously designed to accommodate the multiple LOTOs it takes to complete an annual maintenance outage. Each contractor that works at the facility during the annual maintenance requires a separate LOTO, so the boards are equipped to handle them. The photo on the left depicts a typical LOTO board at the Lake Hodges Pump Storage Project Facility.



The LOTO board project is a testament to the Rotating Equipment team's dedication to safety. Besides elevating safety to a new level, the implementation of the LOTO boards can be categorized as a work efficiency. The LOTO Boards have saved and will continue to save labor resources each time a LOTO is applied.

HEADWATERS

Dam Names Provide Insight into History

Reservoirs are vital components of a reliable water supply for San Diego County. Two dozen reservoirs store local and imported water with a combined capacity of about 723,000 acre-feet. Each has unique characteristics defining its role in meeting our region's water supply needs – including a unique name. Most reservoirs are named for their location, such as Miramar, Olivenhain, and San Vicente. But a few are named for people who played significant roles in San Diego County's water history. **Lake Jennings** is named for William H. Jennings, an attorney who grew up on his family farm in Lakeside. He served as Water Authority general counsel for 26 years and served on the California Water Commission. Jennings played a major role in the State Water Project in the 1950s and helped secure imported water for San Diego County in the 1960s. The lake was named in his honor in 1964. Jennings lived in La Mesa until his death in 1983. Influential developer Col. Ed Fletcher liked naming projects after himself, such as the Fletcher Hills area in East County. But when he needed funding for a reservoir, he ingratiated himself to wealthy Montana investor James Murray. Col. Fletcher wrote to Murray about investing in San Diego County's water infrastructure. Murray wrote the check to build the dam for \$119,000 in 1917 (\$32.9 million today). Fletcher thought he was flattering Murray when he named it the "Murray Dam," but Murray brushed him off, writing "Naming dams after men is very poor policy, and I am superstitious about it. [You] Had no business to call that the Murray Dam." Nevertheless, **Lake Murray** stuck. Further to the south, **Sutherland Reservoir** is an unusual combination of place and person. When civil engineers surveyed the proposed dam site in the 1920s, it sat on property owned by well-known local rancher and land developer John Sutherland. Notes on the survey documents offered Sutherland thanks for granting access, "Survey of Sutherland Dam Site." The name survives today.



YUIMA MUNICIPAL WATER DISTRICT
ADMINISTRATIVE REPORT

May 2022

Amy Reeh

General Manager

ANNEXATIONS/NEW SERVICE REQUESTS

*Pauma Valley Water Company (PVWC) * UPDATE: The Pauma Mutual Water Company met on May 17th to vote on moving forward with the annexation and the SWRCB's plan to accomplish all necessary task to complete that annexation. The PMWC Board tabled voting on this is until their July meeting due to additional questions being raised. There is still no resolution to the cherry-picking issue; however, it was suggested that some agricultural parcels may request to annex into the District depending on the cost to them. The problem becomes that the design of the new infrastructure is only designed to accommodate the 60 domestic parcels. Any agricultural meters would put a significantly larger demand on the system, requiring a revision to the current design. The PVWC annexation is being paid for with grant funds and completed by the Sacramento State Water Program. The team is currently waiting for NV5 to complete the engineering reports, including the water impact study for Yuima. The Annexation Team met virtually on October 6th and it was discussed that the team had not yet met spoken to Metropolitan or LAFCO regarding the "cherry picking" of parcels. Sean Sterchi from the SDRCB indicated that this was a fatal flaw. It was made clear that the ability to only annex the domestic parcels and not the agriculture parcels must be approved. It was also discussed that a "plan b" needs to be developed to perhaps annex in all of the parcels but only give connections to Yuima to the domestic parcels. The team is currently waiting to see what discussions with Metropolitan and LAFCO reveal.*

DISTRICT BUSINESS

Drought Situation – UPDATE: In accordance with the Governor's March Executive Order, the State Water Resources Control Board has developed Draft Emergency Drought Regulations. There has been an opportunity for water agencies in the state, and specifically the San Diego County Water Authority, to comment on the Emergency regulations. From these comments a final draft of the regulations was released on May 13, 2022. Due to the contents of the regulation the San Diego County Water Authority will remain at Level 1 of their Water Shortage Contingency Plan. Yuima has been at Level 1 of their Drought Conditions Plan since 2016. In accordance with Yuima's Water Shortage Contingency Plan, the District will not increase its drought level until the Water Authority moves to Level 2 of its plan.

The March 28, 2022 Executive Order issued by Governor Newsome that, among other directives, directed the SWRCB to develop Emergency Drought Regulations. There are two meetings set for local water agencies to review those emergency regulations; Yuima staff will be attending both meetings in order to remain informed about potential cutbacks to District customers. As previously mentioned; the Water Authority is working with State staff to allow our region to do a "stress test" to determine cutbacks for San Diego County rather than being made to adhere to a "one size fits all" approach.

REPORTING

Manager Brewer has completed both the Consumer Confidence Report (CCR) and the Annual EARS report. These reports have taken over 105 hours of time to complete and input / upload into the appropriate systems. The CCR will still need to be sent to all District customers in July.

****UPDATE: SWRCB was onsite on February 9th to conduct another Sanitary Survey. This is the fourth survey since 2017 although surveys have historically been done every three years. The results of this survey were still not available at the time this report was written but will be reported to the Board when available. This visit required staff to adjust the priority of assisting the SWRCB with updating their records and completing the documents discussed below.*** The State Water Resources Control Board (SWRCB) has requested that the District assist them with updating some records that are missing from their current operating permit file for Yuima. The SWRCB provided the District with a 66-page document to complete in assistance with completing their missing documents and information.

The SWRCB was advised that we would assist as our workload and time permits but that we have limited staff and many other operational requirements that take precedence. ***The District continues to work on this very cumbersome and time consuming task as each day a new request for historical data is received. Currently staff is working on gathering production and consumption data all they way back to 2011.***

Groundwater Sustainability Plan

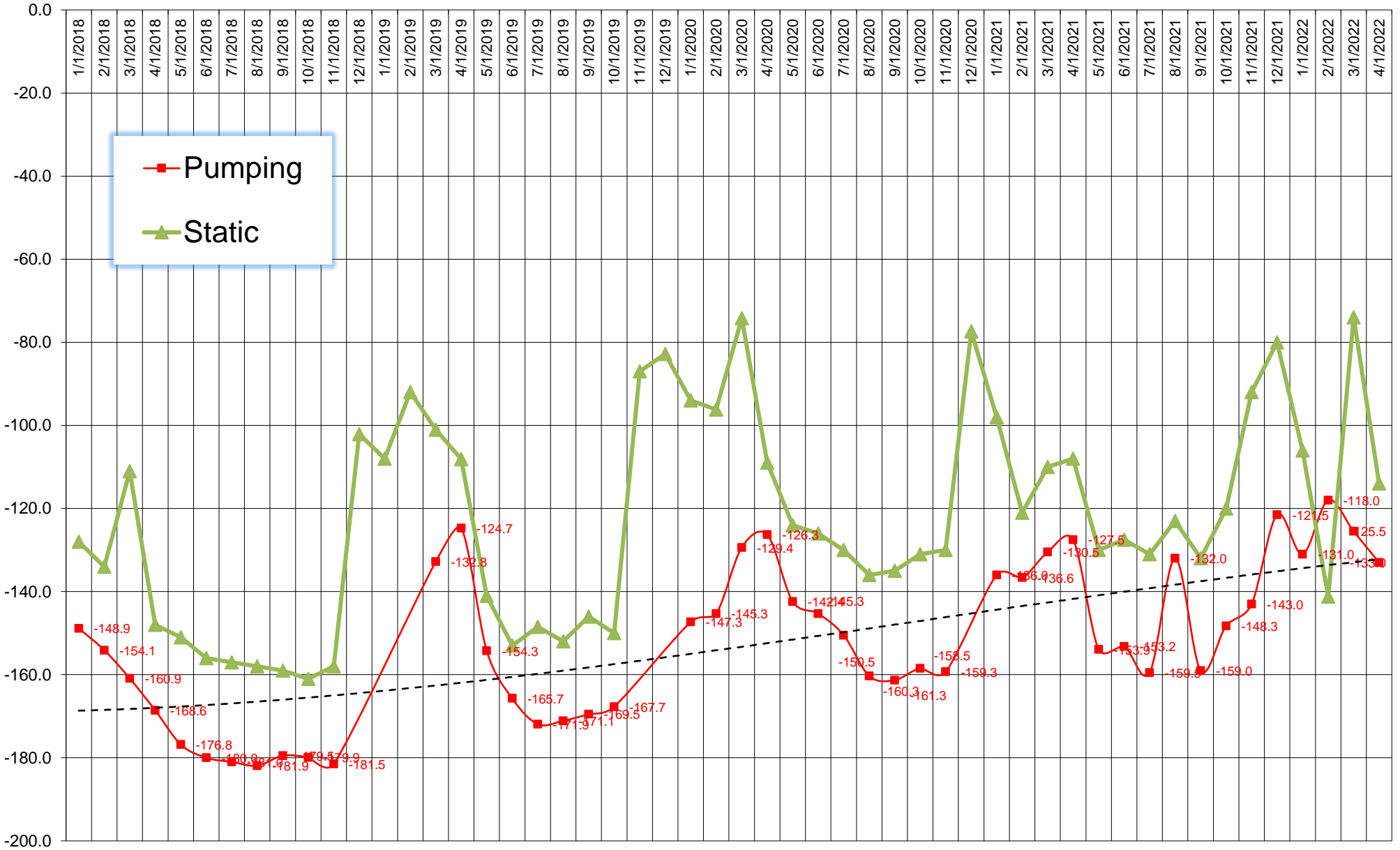
The final Groundwater Sustainability Plan was submitted to DWR on January 31, 2022. DWR is reviewing the submission. The 45-day comment period ended on April 30, 2022 and a total of three (3) comments posted to the SGMA Portal, all of which were duplicates of comments received during the GSA's 45-day 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.

Yuima Municipal Water District - Production/Consumption Report

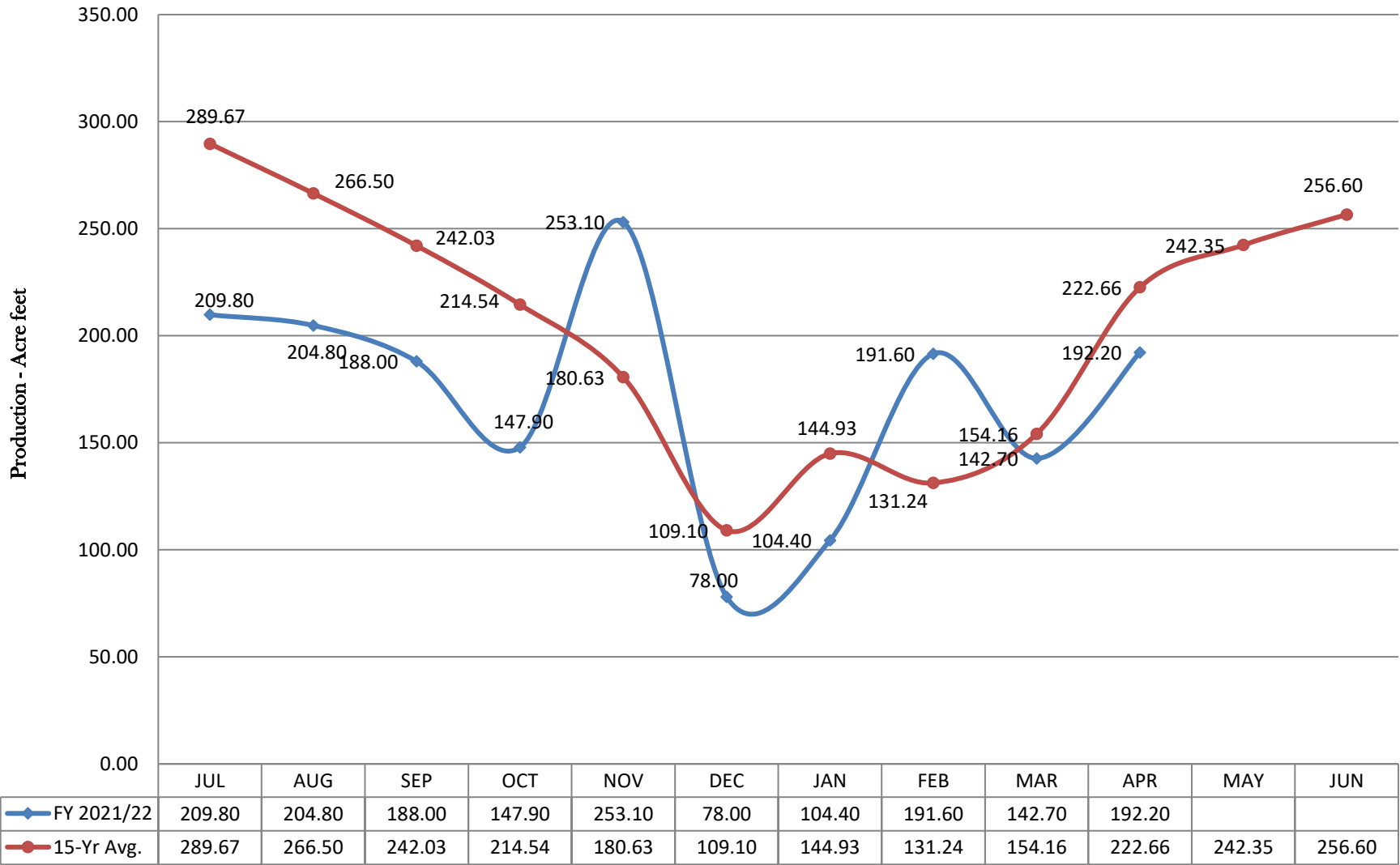
YUIMA GENERAL DISTRICT	FISCAL				CALENDAR	
	Apr-22	Mar-22	2021-22	2020-21	2022	2021
Produced and Purchased Water						
11-1590 IDA	0.0	0.0	7.5	63.1	0.0	50.3
10-1009 SDCWA	338.4	208.0	4086.5	5610.9	958.8	5015.4
10-1001 SCHOEPE	6.0	7.5	60.4	124.8	28.6	93.0
Total Produced and Purchased	344.4	215.5	4154.4	5798.8	987.4	5158.7
Consumption						
CUSTOMERS GENERAL DISTRICT	132.6	104.2	1498.7	2621.4	356.4	2143.6
10-2100 TAP 1	92.7	57.6	1006.5	1063.4	266.7	1080.0
10-1590 TAP 2	54.3	19.6	943.4	1179.7	165.8	1114.3
10-1200 TAP 3	68.1	44.1	710.3	838.5	222.4	826.5
Total Consumption - Yuima	347.7	225.5	4158.8	5702.9	1011.3	5164.4
Storage Level Changes	1.9	2.5	-0.2	1.4	-0.3	7.5
Slippage - Acre Feet	-1.4	-7.5	-4.5	97.3	-24.2	1.8
Slippage %	-0.4	-3.5	-0.1	1.7	-2.5	0.0
IMPROVEMENT DISTRICT "A"						
Produced Strub Zone Wells						
20-2012 RIVER WELL 12	28.6	20.8	183.6	204.0	82.0	197.9
20-2091 RIVER WELL 19A	32.5	26.7	331.9	429.7	116.8	406.0
20-2020 RIVER WELL 20A	16.0	0.0	82.4	227.7	32.3	133.2
20-2025 RIVER WELL 25	27.4	22.6	248.4	299.8	102.5	290.2
20-2022 FAN WELL 22	18.2	13.3	122.0	183.0	63.1	155.4
Total Produced Strub Zone Wells	122.7	83.4	968.3	1344.2	396.7	1182.6
Produced Fan Wells						
20-2007 WELL 7A	0.0	0.0	0.0	1.4	0.0	0.5
20-2000 WELL 10	0.0	0.0	0.0	2.9	0.0	0.1
20-2014 WELL 14	21.0	15.3	186.3	256.9	64.0	231.7
20-2017 WELL 17	9.4	7.4	94.5	141.5	29.4	122.4
20-2018 WELL 18	0.0	0.0	13.5	29.6	0.0	17.0
20-2023 WELL 23	0.0	0.0	26.3	48.4	0.2	45.7
20-2024 WELL 24	3.8	3.3	63.5	98.4	13.0	89.3
20-2029 WELL 29	8.6	5.0	81.1	105.3	23.1	96.0
20-20410-500 HORIZONTAL WELLS	8.5	10.1	92.6	125.3	37.9	119.7
Code K Usage WELL USE AGREEMENTS ("K")	18.2	18.2	186.2	229.8	66.6	220.2
Total Produced Fan Wells	69.5	59.3	744.1	1039.5	234.2	942.7
Total Produced Strub and Fan Wells	192.2	142.7	1712.3	2383.7	630.9	2125.3
Purchased Water						
10-2100 TAP 1	92.7	57.6	1006.5	1063.4	266.7	1080.0
90 minus 20-2008 TAP 2	54.3	19.6	943.4	1179.7	165.8	1114.3
10-1200 TAP 3	68.1	44.1	710.3	838.5	222.4	826.5
Total Purchased Water	215.1	121.3	2660.1	3081.5	654.9	3020.8
Total Produced and Purchased	407.3	264.0	4372.4	5465.2	1285.7	5146.1
Consumption						
CUSTOMERS IDA	396.8	246.2	4136.7	5257.9	1232.2	4851.0
Interdepartmental to Y	0.0	0.0	7.5	63.1	0.0	50.3
Total Consumption - IDA	396.8	246.2	4144.2	5320.9	1232.2	4901.3
Storage Level Changes	6.1	0.7	4.9	2.2	5.3	4.8
Slippage - Acre Feet	16.6	18.5	233.1	146.4	58.9	249.7
Slippage %	4.1	7.0	5.3	2.7	4.6	4.9
Combined General District and IDA						
PRODUCED YUIMA	344.4	215.5	4154.4	5798.8	987.4	5158.7
PRODUCED IDA	192.2	142.7	1712.3	2383.7	630.9	2125.3
Total Produced and Purchased	536.6	358.1	5866.8	8182.5	1618.3	7284.0
Consumption	529.4	350.4	5642.9	7942.3	1588.6	7044.9
Storage Level Changes	8.0	3.2	4.7	3.6	5.0	12.4
Slippage - Acre Feet	15.2	11.0	228.6	243.7	34.6	251.4
Slippage %	2.8	3.1	3.9	3.0	2.1	3.5

Notes:

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 April 2022) 2018-Current



Yuima Municipal Water District
 Monthly Production of District Owned Wells
 Updated April 2022



YUIMA MUNICIPAL WATER DISTRICT

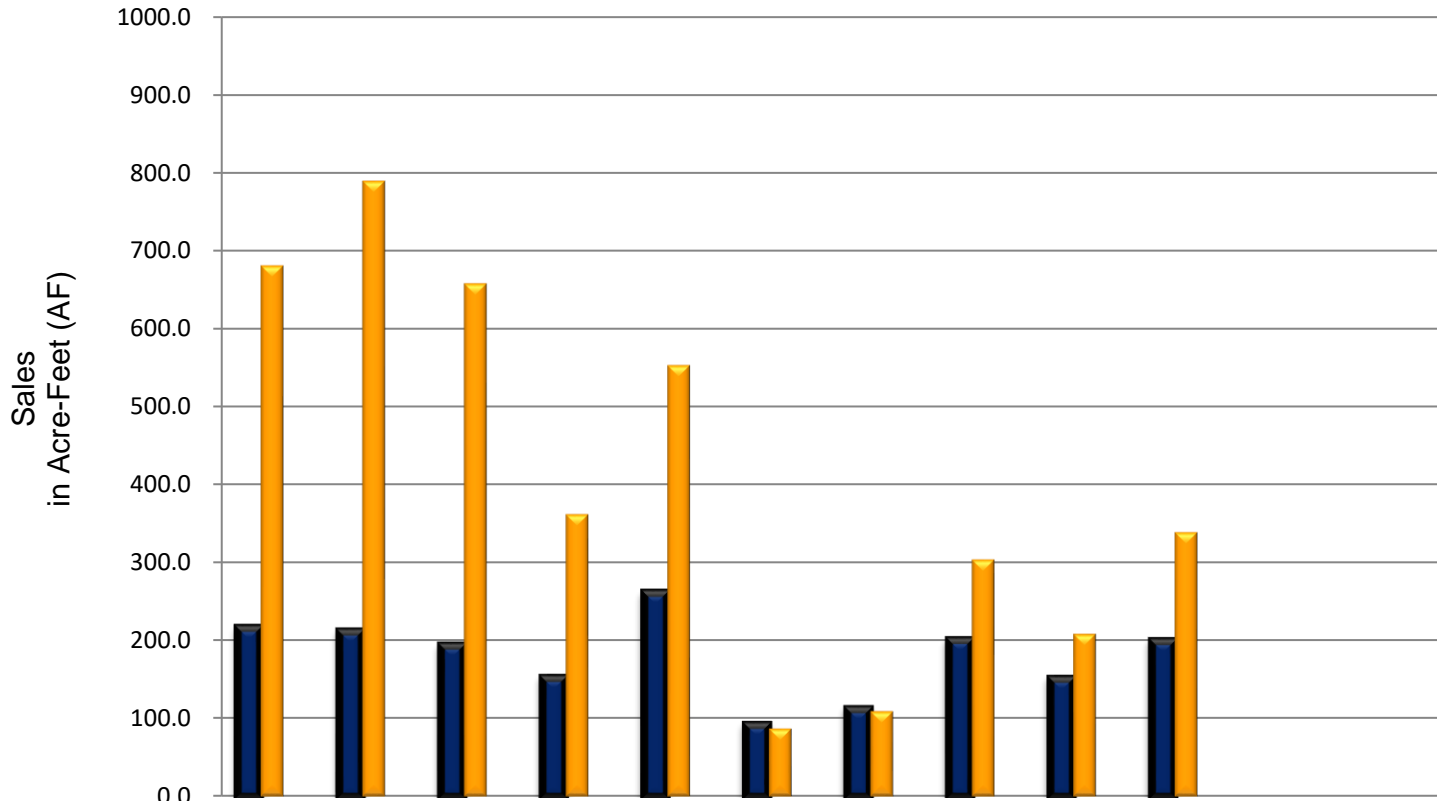
REPORT OF DISTRICT WATER PURCHASED AND PRODUCED

	Month Comparative One (1) Year Ago			Fiscal Year to Date Comparatives		
	Apr-22	Apr-21	%CHANGE	2021/22	2020/21	%CHANGE
LOCAL SUPPLY	198.2	255.5	-22.4%	1582.2	2117.3	-25.3%
AUTHORITY	338.4	326.0	3.8%	3748.1	4460.5	-16.0%
TOTAL PRODUCED & PURCHASED	536.6	581.5	-7.7%	5330.3	6577.8	-19.0%
CONSUMPTION	529.4	569.2	-7.0%	5113.4	6254.0	-18.2%
% LOCAL	36.9%	43.9%	-7.0%	29.7%	32.2%	-2.5%
%AUTHORITY	63.1%	56.1%	7.0%	70.3%	67.8%	2.5%

FISCAL YEAR ENDING JUNE 30 COMPARATIVES

	2021	2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008
LOCAL SUPPLY	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	2583.6
AUTHORITY SUPPLY	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	3719.8
TOTAL PRODUCED & PURCHASED	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	6303.4
CONSUMPTION	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	6088.3
% LOCAL	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%	41.0%
% AUTHORITY	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%	59.0%

**YUIMA MUNICIPAL WATER DISTRICT
WATER PRODUCED & PURCHASED
2021-22**



	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22
■ LOCAL SUPPLY PRODUCED	215.1	210.7	192.5	151.3	259.8	91.5	111.6	199.5	150.1	198.2	0.0	0.0
■ AUTHORITY PURCHASED	680.2	788.8	657.5	361.6	552.5	87.0	109.0	303.4	208.0	338.4		
TOTAL PROD/PURCH	895.3	999.5	850.0	512.9	812.3	178.5	220.6	502.9	358.1	536.6		

YUIMA MUNICIPAL WATER DISTRICT
2021-22 Capital Projects
As of April 30, 2022

	Job Number	Approved 2021-22 Budget	Approved Budget Carry Forward	Current Year Expenditures 2021-22	Prior Year Expenditures Forward	Total Project Expenditures	Percent Expended to Budget
1 McNally Tank 2 Interior and Exterior Recoating							
	10-600-60-6500-613	\$450,000			\$ -	\$ -	0%
2 Headquarters Solar Project							
	10-600-60-6600-600	\$0	\$ 97,000	\$ 43,500	\$ 53,500	\$ 97,000	100%
3 Vehicle Replacement - 2 trucks							
	10-600-60-6600-600	\$0	\$ 60,000	\$ -	\$ -	\$ -	
Total General District Capital Projects - Proposed 2021-22		\$450,000	\$ 157,000	\$ 43,500	\$ 53,500	\$ 97,000	62%
1 Pump Station 4 Pump Cover							
	20-600-60-6300-680	\$ 20,000	\$ -	\$ -	\$ -	\$ -	0%
2 Pipeline & Facilities Replacements - IDA							
	Rincon Ranch Rd. 20-600-60-6500-671	\$ -	\$ 340,000	\$ 51,181	\$ 271,854	\$ 323,036	95%
3 Pump Station 4 Bypass Valve							
	20-600-60-6300-680	\$ 9,764	\$ -				
4 Dunlap CL2 Analyzer Building Replacement							
	20-600-60-6300-680	\$ 10,000	\$ -				
Total IDA Capital Projects - Approved for 2021-22		\$ 39,764	\$ 340,000	\$ 51,181	\$ 271,854	\$ 323,036	85%
Total Proposed General District & IDA Capital Projects 2021-22		\$ 489,764	\$ 497,000	\$ 94,681	\$ 325,354	\$ 420,036	85%
		\$986,764		\$420,036			

YUIMA MUNICIPAL WATER DISTRICT
OPERATIONS REPORT

May 2022

Staff Report

WELLS

YUIMA General District

WELLS	FLOW / GPM	STATUS
PVW2	20	IN SERVICE
PVW3	0	OUT OF SERVICE - PUMP
PVW3R	84	OUT OF SERVICE - NITRATES
PVW4	0	OFF DUE TO WATER LEVEL
PVW5	0	OFF DUE TO WATER LEVEL

IDA

WELLS	FLOW / GPM	STATUS
12	164	IN SERVICE
19A	299	IN SERVICE
20A	249	IN SERVICE – CLOSE MONITORING REQUIRED
25	224	IN SERVICE
22	160	IN SERVICE

WELLS	FLOW / GPM	STATUS
3	0	OFF DUE TO WATER LEVEL
7A	0	Out of Service – Water Quality
8	0	OFF DUE TO WATER LEVEL
9	0	OFF DUE TO WATER LEVEL
10	0	Out of Service – Water Quality
13	0	OFF DUE TO WATER LEVEL
14	224	IN SERVICE
17	120	IN SERVICE
18	135	IN SERVICE
23	53	OFF – NITRATE LEVEL
24	119	OFF – PUMP FAILURE
29	106	IN SERVICE

WELLS	FLOW / GPM	STATUS
41	19	IN SERVICE
42	31	IN SERVICE
43	0	OFF DRILL BIT LODGED
44	31	IN SERVICE
45	0	OFF - SEDIMENT
46	9	IN SERVICE
47	3	IN SERVICE
48	1	IN SERVICE
49	8	IN SERVICE
50	8	IN SERVICE

Well 23 Nitrates are at 9.2, although the State MCL is 10 the SWRCB requires us to turn the well off at 9 MCL. Due to the design of the infrastructure we are unable to blend this water with imported supply and therefore must shut down the well when the water quality does not meet state standards.

Well #18 – Supplies “Ag Only” open reservoirs at 135 gpm, Pettis and Dunlap and is being used to supply both reservoirs alternately as required.

Horizontal Wells – Per SWRCB all supplies must be used for AG only; cannot blend due to high Iron and Manganese. Supplies going into Dunlap open reservoir. Repairs to the Horizontal well line have been completed. The line was relocated to mitigate future damage that occurs in the deep, difficult to access ravine. The line now parallels the well line road and connects to the old Upper Catch line which also has been repaired.

BOOSTER STATIONS

BOOSTER STATIONS		
STATION	PUMPS	STATUS
PERRICONE	1,2,3,4	PUMP 1 - SEAL
FOREBAY	1,2,3,4	PUMP 2 & 3 PULLED FOR WARRANTY REPAIR – REINSTALL SCHEDULED APRIL 30TH
EASTSIDE	1,2,3	OK
1	1,2,3,4	OK
4	1,2,3	OK
6	1,2,3	OK
7	1,2,3	OK
8	1,2,3,4	OK – SCADA Work need to address Backup battery and programming issues. Cost will be in 22/23 budget
SCHOEPE	1,2,3	3 OK, 1 & 2 DOWN

RESERVOIRS AND TANKS

All tanks and reservoirs are currently in normal operation. However, there are some issues that need to be addressed in the near future.

- Dunlap tank is a bolt together, galvanized tank with a life expectancy of 25 years. The tank is currently 19 years old and has high level of corrosion on the interior due to the high levels of iron and manganese that comes from the horizontal well water. The District used the tank to blend the horizontal well water until May of 2019 when the SWRCB directed us to stop that practice and only use the well water for agricultural purposes. Repair or replacement of the tank needs to occur. The District will seek information on all options available to make an informed decision as to what the best course of action will be.
- Eastside Tank - Was inspected and cleaned in May of 2019. The exterior of the tank was found to be in good condition with a few minor repairs. The interior of the tank, however, was found to be in extremely poor condition and was recommended to be recoated within the next three years. The tank should be re-inspected in 2022.
- Tank 1 – Was inspected and cleaned in April of 2022 and found to be in good condition. We are awaiting the final report.
- Tank 8 - Was inspected and cleaned in April of 2022. We are awaiting the final report with recommendations.
- Perricone Tank - *WAS LAST INSPECTED IN AUGUST 2021*. The interior and exterior of the tank was recoated in 2016. The exterior of the tank was found to be in very good condition. The interior of the tank was found to be in overall good condition. The tank is due for inspection in 2024. There are a few minor areas of corrossions that can be fixed to mitigate any serious damage.
- Zone 4 Tank – *Cleaned and inspected – January 2022* – Some sediment, interior coating looked good, tank cleaned up nicely.
- McNally Tank 1 - Was inspected and cleaned in April of 2022. We are awaiting the final report with recommendations.
- McNally 2 - Tank was inspected and cleaned in June 2019. *SCHEDULED FOR INTERIOR AND EXTERIOR RECOATING IN FY 2021/22. This is delayed due to CWA shutdowns during normal available down times and contractor availability.*
- Schoepe Tank – Was inspected and cleaned in April of 2022. We are awaiting the final report with recommendations.
- Forebay Tank – Was inspected in April of 2022. We are awaiting the final report.
- All three nitrate analyzers have had the annual maintenance completed in August 2021.

Bacteriological samples

The Yuima and IDA distribution systems and all special raw water groundwater well bacteriological tests are taken on schedule and the District remains in compliance of all water quality standards.

Other required water quality testing

Well 20 was put back online on April 14th with the following operational conditions.

1. Weekly testing required for the next two months.
2. Weekly testing for PH, Electrical Conductivity and Temperature to determine a baseline for “1-Log Giardia”.
 - a. If there is surface water running in the riverbed then the District must perform daily field tests for PH, Conductivity and Temperature starting the day the water begins to flow until 1 week after the water stops flowing.
 - i. The District has purchased the specialized equipment to perform these tests.

Well 23 has gradually increased in Nitrates. We are now reporting grab samples weekly to the SWRCB. The well has been shut down due to the high nitrate levels.

DISTRICT OPERATIONS PERSONNEL

No current limitations.

OTHER PROJECTS AND PROGRAMS

Pump Maintenance – Pump maintenance has been scheduled for all pumps at all pump stations except for Schoepe.

Forebay Pump Station – As previously reported to the Board, all pumps at the Forebay station have an issue with leaking oil. Manager Reeh spoke with Craig Barrett and Dan Waldrop from Barrett Pumps two separate times. Manager Reeh discussed the main concerns of the District and requested a schedule of work to be done and timeframe when it will be completed. The status on the pumps are as follows.

Pump #1: Service call from Barrett found that the fan shroud was offset and the noise was from the fan hitting the shroud when the motor was on. It has been corrected and this pump is now running fine and has been put in the lead.

Pump #2: The pump has been repaired and installed. It is scheduled to be connected and tested as of this report writing.

Pump #3: The pump has been repaired and installed. It is scheduled to be connected and tested as of this report writing.

Pump #4: Fully operational. Was the lead pump until #1 was repaired and put into the lead.

CWA Emergency Storage Project (ESP) Valley Center MWD / Yuima MWD Inter-tie
The ESP project is moving forward and preliminary construction planning are at the pre-final design phase. The project is due to start construction in early 2023 and should take about 1 month to complete.

Vehicle Replacement in CIP Budget: Due to continued delays resulting from Covid-19 and labor / supply chain issues the District has had a difficult time finding replacement vehicles. Upon the advice of the Fleet Dealer management decided to order the trucks scheduled for replacement. Additionally, keeping in mind the shortage of vehicles and the lead time in delivery of order vehicles, management decided to order two replacement vehicles that were scheduled for next fiscal year. Once these vehicles have been received all fleet vehicles will have been replaced before the 2024 end date for purchasing gas powered vehicles. This will give the district several years to plan for and prepare facilities to operate electric vehicles.

SAFETY PROGRAMS AND TRAINING

Staff continues with tailgate safety meetings. Individuals are training with JPIA.

WATER METERS AND SERVICES

Meter Replacements, Downsizing and Removals

District staff is currently analyzing and replacing older meters in the District to help reduce slippage. Older prop meters tend to become less accurate, especially with the high usage District meters encounter. In an effort to optimize staff and make meter reading more efficient in the near future; all new meters installed are AMR meters that can be incorporated into the District's AMR meter reading program.

RAINFALL RECORD 2021/2022 YUIMA SHOP

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

	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	
1			0.04							0.02			
2													
3									0.83	0.01			
4									0.18	0.01			
5				0.40									
6													
7													
8				0.32									
9						0.25							
10						0.01							
11													
12													
13													
14						1.54							
15								0.15					
16						0.01							
17						0.05	0.09						
18	0.44			0.04			0.22						
19									0.02				
20									0.48				
21													
22								0.36		0.16			
23						0.69		0.02					
24						1.14							
25			0.10	0.22		0.06							
26	0.83			0.01		0.35							
27			0.01										
28			0.02			0.02			0.74				
29						0.03							
30									0.01				
31		0.30				0.01							TOTAL YEAR
TOTALS	1.27	0.30	0.17	0.99	0.00	4.16	0.31	0.53	2.26	0.20	0.00	0.00	10.19
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	4.40	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
34 Year Average	0.13	0.17	0.33	0.72	1.39	2.36	3.12	3.57	2.49	1.41	0.46	0.13	16.26

**YUIMA MUNICIPAL WATER DISTRICT
DELINQUENT ACCOUNTS LISTING
4/30/2022**

YUIMA			
<u>ACCOUNT NUMBER</u>	<u>PAST DUE AMOUNT</u>	<u>ACTION</u>	
01-0693-03	238.81	Notice	
01-1041-01	40.68	Notice	
01-1044-01	124.08	Notice	
01-1050-05	32.23	Notice	
01-1073-09	26.08	Notice	
01-1079-00	74.68	Notice	
01-1224-00	649.63	Notice	
01-1351-07	105.06	Notice	
01-1359-01	277.57	Notice	
01-1599-00	230.91		
01-1663-01	230.91	Notice	
01-1958-06	1,401.17	Notice	
	\$ 3,431.81		

IDA			
<u>ACCOUNT NUMBER</u>	<u>PAST DUE AMOUNT</u>	<u>ACTION</u>	
02-0845-03	70.23	Notice	
02-0906-03	126.06	Notice	
02-2097-04	133.87	Notice	
02-2411-02	157.87	Notice	
02-2984-09	1,767.44	Lien Filed	
02-3957-03	2,013.43	Notice	
02-4185-01	154.66	Notice	
02-4251-02	136.03	Notice	
02-5330-09	157.84	Notice	
02-6245-01	149.00	Notice	
02-6500-00	28,481.46	Lien Filed	
02-7125-00	1,521.28	Lien Filed	
02-7249-01	5,872.53	Lien Filed	
02-7435-00	67.85	Notice	
02-8445-00	161.51	Notice	
	\$ 40,971.06		

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