



**A SPECIAL MEETING OF THE BOARD OF DIRECTORS
UPPER SAN GABRIEL VALLEY MUNICIPAL WATER DISTRICT
119 W. PALM AVENUE, MONROE ROOM, MONROVIA, CA 91016
4:30 P.M. – DECEMBER 06, 2023**

AGENDA

1. PLEDGE OF ALLEGIANCE

2. ROLL CALL OF BOARD OF DIRECTORS

3. ADOPTION OF AGENDA [1]

4. PUBLIC COMMENT

Anyone wishing to discuss items should do so now. The Board of Directors may allow additional input during the meeting. A three-minute time limit on remarks is requested.

5. COMMITTEE REPORTS [2]

- (a) Administration and Finance (*Santana, Chair – Treviño, Vice-Chair*)
Minutes of meeting held on November 7, 2023 enclosed.

6. CONSENT CALENDAR [1]

- (a) Minutes of a regular meeting of the Board of Directors held on November 08, 2023 at 4:00 p.m.
(b) List of Demands.
(c) Financial Reports – October 2023.
1. Financial Statements.
2. Director's Public Outreach.

7. ACTION/DISCUSSION ITEMS [1]

- (a) Purchase of Untreated Water for the Upper District's Cyclic Storage Account. (*Staff memorandum enclosed.*)

Recommendation

Staff recommends that the Board of Directors authorize the General Manager to purchase up to 10,000 acre-feet of untreated water for the Upper District's cyclic storage account.

- (b) Award of Water Education Grants for FY 2023-24 (*Staff memorandum enclosed.*)

Recommendation

Staff recommends that the Board of Directors approve one of the options below:

Option 1: Funding of 22 grant applications for water education programs per Upper District's FY 23-24 Water Education Grant Program for a total amount of \$19,648.17.

Option 2: Funding of 21 grant applications for water education programs per Upper District's FY 23-24 Water Education Grant Program for a total amount of \$18,648.17.

8. INFORMATION ITEMS [2]
 - (a) Press Releases and News Articles.
9. ATTORNEY'S REPORT [2]
10. ENGINEER'S REPORT [2]
11. GENERAL MANAGER'S REPORT [2]
12. METROPOLITAN REPORT [2]
13. WATER QUALITY AUTHORITY REPORT [2]
14. WATERMASTER REPORT [2]
15. AB 1234 COMPLIANCE REPORT [2]
16. DIRECTOR'S COMMENTS [2]
17. FUTURE AGENDA ITEMS [1]
18. ADJOURN TO CLOSED SESSION – Conference with legal counsel: Government Code sec 54956.9: potential litigation: one case.
19. ADJOURNMENT - To a regular meeting of the Board of Directors to be held on January 10, 2023 at 4:00 p.m. at 248 E. Foothill Blvd. Room #103, Monrovia, CA 91016.

LEGEND: [1] INDICATES ACTION ANTICIPATED BY BOARD OF DIRECTORS ON THIS ITEM
[2] INDICATES INFORMATION ITEM - NO BOARD ACTION NECESSARY

PRESIDENT JENNIFER SANTANA, PRESIDING

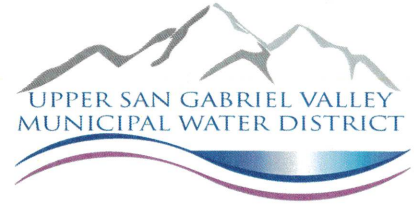


American Disabilities Act Compliance (*Government Code Section 54954.2(a)*)

To request special assistance to participate in this meeting, please contact the Upper District office at (626) 443-2297 or venessa@usgvmwd.org at least 24 hours prior to meeting.



MEMORANDUM



5. (a) COMMITTEE REPORTS

November 14, 2023

TO: BOARD OF DIRECTORS

FROM: ADMINISTRATION AND FINANCE COMMITTEE

SUBJECT: MINUTES OF THE ADMINISTRATION AND FINANCE COMMITTEE MEETING AND SPECIAL MEETING OF THE BOARD OF DIRECTORS – November 7, 2023

ATTENDANCE:	Jennifer Santana, Chair	Patty Cortez	Priscilla Lu
	Tom Love	Steven O'Neill	Jessica Hernandez
	Evelyn Rodriguez	Scott Manno	

1. **Call to Order.**
2. **Public Comment.** None.
3. **Annual Comprehensive Financial Report (ACFR) for Fiscal Year Ended June 30, 2023.**

Evelyn Rodriguez, Chief Financial Officer/Chief Administration Officer, stated that the audit for the fiscal year ended June 30, 2023, is complete. She then introduced Scott Manno, audit partner from Rogers, Anderson, Mallody & Scott LLP (RAMS) to present the results of the audit.

Mr. Manno provided a brief presentation on the results of the audit, stating that Upper District received an unmodified opinion on its financial statements for the fiscal year ended June 30, 2023. He discussed the corresponding responsibilities of the auditor and management as they relate to the audited financial statements. He also gave an overview of the audit process.

Ms. Rodriguez provided a supplemental presentation to the audit report, discussing the financial highlights for the fiscal year 2022/23 along with the significant year-over-year changes to the major line items of the District's consolidated statements of net position and its condensed statements of revenues, expenses and changes in net position.

Director Santana commended staff and the auditor for the presentation.

The General Manager acknowledged staff for their hard work. He also expressed his appreciation for always having the audits completed before the end of the calendar year.

Ms. Rodriguez added that Upper District will be submitting its Annual Comprehensive Financial Report (ACFR) for review and consideration by the Government Finance Officers Association for its Certificate of Achievement for Excellence in Financial Reporting for the 13th consecutive year.

4. Oral Report – Financial Report and Quarterly Report on Investments – September 30, 2023

Ms. Rodriguez gave a presentation highlighting the District's net operating revenue, water sales, cash and investments, and fund balances for the fiscal year ended September 30, 2023. She stated that operating expenses are consistent with budgeted amounts as of September 30, 2023.

The General Manager discussed the substantial increase in Local Agency Investment Fund (LAIF) returns due to the federal interest rate adjustment. He suggested using some of the LAIF funds to purchase cyclic water in anticipation of future rate increases from Metropolitan.

Director Santana and Ms. Rodriguez discussed the adequacy of the District's cash reserves.

Director Santana and the General Manager discussed the District's significant share of imported water in its service area.

Director Santana discussed the Puente Hills Landfill Park presentation at the recent Government Affairs and Community Outreach Committee.

This item was presented for information purposes only. No action was taken by the Committee.

5. Other Matters. None.

6. Adjournment.

NEXT MEETING: Tuesday, December 5, 2023, at 4:00 p.m.

cc: General Manager

**A REGULAR MEETING OF THE BOARD OF DIRECTORS
OF THE UPPER SAN GABRIEL VALLEY MUNICIPAL WATER DISTRICT
248 E. FOOTHILL BLVD, ROOM #103, MONROVIA, CALIFORNIA 91016
4:00 P.M. – November 08, 2023**

6. (a)
Minutes

A regular meeting of the Board of Directors was held in the office of the District, 248 E. Foothill Blvd, Rm. 103, City of Monrovia, County of Los Angeles, State of California, within said Water District, on November 08, 2023 at the hour of 4:00 p.m.

District Counsel confirmed with Treasurer Garcia that her physical injury prevents her from attending the board meeting in person. District Counsel stated that remote attendance due to illness or injury is allowed under AB 2249 but requires that directors attending remotely disclose whether anyone over the age of 18 is present in the room with them. Treasurer Garcia confirmed that no one over the age of 18 was in the room with her.

On motion by Vice President Fellow, seconded by Secretary Chavez, the remote attendance by Treasurer Garcia was approved by the following roll call vote: Santana – AYE; Chavez – AYE; Garcia (AB 2449) – AYE; Chavez – AYE; and Treviño – ABSENT.

ROLL CALL

**DIRECTORS
PRESENT:**

Chavez, Garcia (AB 2449), Fellow, and Santana.

**DIRECTORS
ABSENT:**

Treviño

STAFF PRESENT:

Tom Love, General Manager; Steve O'Neill, District Counsel; Steve Johnson, District Engineer; Patty Cortez, Assistant General Manager, External Affairs; Evelyn Rodriguez, Chief Financial Officer/Chief Administrative Officer; Jennifer Aguilar, Water Use Efficiency Analyst; Katherine Vazquez, Government and Community Affairs Assistant; Priscilla Lu, Accounting/Financial Analyst; and Jessica Hernandez, Administrative Assistant.

OTHERS PRESENT

Jose Martinez

ADOPTION OF AGENDA

On motion by Vice President Fellow, seconded by Secretary Chavez, the agenda was adopted as presented by the following roll call vote:

**SANTANA: AYE
FELLOW: AYE
GARCIA: AYE (AB 2449)
CHAVEZ: AYE
TREVINO: ABSENT**

PUBLIC COMMENT

None.

COMMITTEE REPORTS

Next scheduled committee meeting dates are as follows:

- (a) Government Affairs and Community Outreach – December 4, 2023 at 4:00 p.m.
- (b) Administration and Finance – December 5, 2023, at 4:00 p.m.
- (c) Water Resources and Facility Management – December 6, 2023, at 4:30 p.m.

CONSENT CALENDAR

On motion by Secretary Chavez, seconded by Vice President Fellow, the consent calendar was approved by the following roll call vote:

**SANTANA: AYE
FELLOW: AYE
GARCIA: AYE (AB 2449)
CHAVEZ: AYE
TREVINO: ABSENT**

- (a) Minutes of a regular meeting of the Board of Directors held on October 25, 2023, at 4:00 p.m.
- (b) List of Demands.
- (c) Financial Reports – September 2023.
 - 1. Financial Statements.
 - 2. Director's Public Outreach.
 - 3. Quarterly Report Regarding District Investments

**ADOPT RESOLUTION NO. 11-23-659,
AMENDING RESOLUTION NO. 09-
22-647 AS IT RELATES TO
DESIGNATED POSITIONS UNDER
THE DISTRICT'S CONFLICT OF
INTEREST**

The General Manager stated that this resolution amends the Upper District's Conflict of Interest Code by revising the list of designated employees who are required to file the statement of economic interest with the County.

Vice President Fellow moved to approve staff recommendation to adopt Resolution No. 11-23-659, amending Resolution No. 09-22-647 as it relates to designated positions under the District's conflict of interest.

Secretary Chavez seconded the motion, which was approved by the following roll call vote:

SANTANA:	AYE
FELLOW:	AYE
GARCIA:	AYE (AB 2449)
CHAVEZ:	AYE
TREVIÑO:	ABSENT

**MID-YEAR EDUCATION AND
COMMUNITY OUTREACH UPDATE**

Patty Cortez, Assistant General Manager, External Affairs, provided an update on water use efficiency education & community outreach, discussing the 2023 events and social media activities. She then shared a new Conserve-a-palooza Program video to the Board.

Secretary Chavez praised the beautiful visuals in the video.

Ms. Cortez continued discussing Upper District's Thank U campaign, and its education and conservation programs.

The General Manager commended staff for their successful use of Metropolitan Member Agency Administered Incentive Program funding.

Lastly, Ms. Cortez gave an update on upcoming events in 2024. She shared another video the staff made for Halloween, "Droughtbusters", which she said was probably the most viewed video on the District's social media.

Secretary Chavez commended staff for their excellent work on the outreach programs.

Vice President Fellow echoed Secretary Chavez's comments. He and Ms. Cortez also discussed placing advertisements on the freeways.

Treasurer Garcia commended staff for doing a great job on the social media posts and suggested involving other districts in future watershed events.

President Santana thanked Ms. Cortez for the presentation and expressed her respect for staff for their amazing job.

INFORMATION ITEMS

Ms. Cortez thanked staff for their support on the outreach program.

The following items listed on the agenda for the information of the Board were read and ordered received and filed:

- (a) Press Releases and News Articles

ATTORNEY'S REPORT

District Counsel reported on transactional matters and recent work with staff on the voucher program and some correspondence regarding remote attendance.

He then provided a presentation on the update to emergency remote meeting attendance under AB 557. He then discussed the teleconferencing and remote attendance requirements under Govt Code 54953, AB 361, AB 2249 and AB 557. He stated that currently, the directors can meet remotely under the original Brown Act provision, or under the AB 2449 for "just cause" and emergency exceptions until AB 2449 is rescinded by AB 557 effective January 2026.

Vice President Fellow, the General Manager and District Counsel discussed remote attendance from a different location under one of the "just cause" definitions.

President Santana, the General Manager and District Counsel discussed the frequency of holding remote meetings by other water agencies.

Secretary Chavez, Ms. Cortez and District Counsel discussed one of the teleconferencing requirements of disclosing whether anyone over the age of 18 is present.

ENGINEER'S REPORT

The District Engineer reported on hydrologic conditions, basin deliveries, reservoir storage, canyon inflows and releases, and rainfall average. He stated that the Baldwin Park Key Well groundwater elevation was 288.3 feet as of November 3, 2023 51 feet more than its level at the beginning of the year.

Secretary Chavez and the District Engineer discussed the percentage of water storage capacity remaining in the basin.

Vice President Fellow and the General Manager discussed Metropolitan's role in utilizing the available basin storage capacity. The General Manager stated that Upper District has a cyclic storage agreement with Metropolitan and that staff is working with Metropolitan to put as much water as possible in the basin. He added that discussions are ongoing with other member agencies on a possible conjunctive use storage program.

Vice President Fellow requested the District Engineer for a presentation on percolation at a future meeting.

A written report was also provided in the Board's agenda packet.

GENERAL MANAGER'S REPORT

The General Manager reported that based on the storage in San Luis Reservoir on the State Water Project System, the initial allocation announcement from Department of Water Resources is expected to be 10 to 15% on December 1st. He stated that Metropolitan does not normally deliver to their cyclic storage account if the allocation is lower than 30%. He then gave an update on the elevator upgrade project. He also reported that Bill Hasencamp, Metropolitan's Colorado River Resources Manager, will give a presentation at the board meeting on February 28th. Lastly, he welcomed Jessica Hernandez as Upper District's new Administrative Assistant.

METROPOLITAN REPORT

Vice President Fellow reported that Congresswoman Grace Napolitano was recently honored at Metropolitan by having the Southern California Pure Water Project named after her. He then reported on an upcoming road trip throughout Southern California to honor the late Senator Dianne Feinstein. He also announced upcoming Metropolitan trips in case anyone is interested in attending. He then stated that an update from the California Department of Water Resources on the governor's priorities for water policy and program initiatives will be provided at one of Metropolitan's sessions the following week.

A written report was also provided in the Board's agenda packet.

**WATER QUALITY AUTHORITY
REPORT**

Secretary Chavez reported that Governor Newsom signed AB 279, sponsored by Assembly Woman Rubio, which increased the maximum assessment allowed under the WQA Act from \$10 to \$20, effective January 1, 2024.

WATERMASTER REPORT

President Santana reported on the recent change in Watermaster board from David de Jesus to Melissa Barbosa.

A summary report was included in the packet.

AB 1234 COMPLIANCE REPORT

A summary report was included in the packet.

DIRECTORS COMMENTS

Treasurer Garcia thanked District Counsel for his informative presentation.

Vice President Fellow thanked Secretary Chavez and staff for attending the Oaktober Fest at the Maryknoll Sisters' Garden on December 5th. He also thanked Secretary Chavez and his wife, the General Manager and Katherine Vasquez for participating in a recent bike tour of the water facilities in the Upper District service area. He then congratulated Jessica Hernandez for her new position.

FUTURE AGENDA ITEMS

None.

ADJOURN TO CLOSED SESSION

None.

ADJOURNMENT

President Santana asked if there were any other business to come before the Board. There being none, the meeting was duly adjourned to a special meeting of the Board of Directors to be held on December 6, 2023, at 4:30 p.m. at 248 E. Foothill Blvd., Room #103, Monrovia, CA 91016.

PRESIDENT

ATTEST

SECRETARY

SEAL

Attachment 1
Consent Item 6 (b)
November 8, 2023

Demands numbered 22190 through 22221 on the General Fund Account of the Upper District at Citizens Business Bank, in the amount of \$526,955.94 and demands numbered 1141 through 1194 on the Water Fund Account at the same bank in the amount of \$334,712.41.

22190	789, Inc.	Inv. USGV-322290, Marketing and Creative Services, Oct. 2023 Inv. USGV-326201, Marketing and Creative Services, Nov. 2023 (Board approved 7/12/23)	5,575.00 <u>5,575.00</u>	\$ 11,150.00
22191	Aaron Read & Associates, LLC	Inv. 213064, State and Legislative Advocacy Services, October 2023 (Board approved 10/12/22)		10,000.00
22192	Accent Computer Solutions, Inc	Inv. 15996, IT Management Support, October 2023 (Board approved 02/09/22)		2,876.27
22193	ACWA	Inv. 2024, Annual Agency Dues		22,775.00
22194	ACWA/JPIA	Inv. 309, Auto and General Liability Insurance, October 2023-24		51,697.00
22195	ACWA/JPIA	Inv. 0700758, Health Insurance Premium - November 2023		25,369.74
22196	Best Best & Krieger, LLP	Inv. 977949, Federal Legislative Advocacy Services through 09/30/23 (Board approved 10/12/22)		7,500.00
22197	B and H Signs	Inv. 20369, Architectural Sign and Installation of Board Room Logo		1,785.00
22198	CSDA Member Services	Inv. 2024, Annual Membership Dues, January - December 2024		9,275.00
22199	Civic Publications, Inc.	Inv. 1813, California Water 2023 Ad		4,987.00
22200	EcoTech Services, Inc.	Inv. 2795, Home Leak Repair Kits Inv. 2819, Landscape Maintenance, November 2023 (Board approved 6/08/22)	1,755.00 <u>900.00</u>	2,655.00
22201	Enamelpins, Inc.	Inv. G2309214910, Women in Water Pins		1,024.92
22202	Flintridge Center	Inv. 12/16/23UD, 41st Assembly District Young Legislators Sponsorship		2,500.00
22203	G3LA, LLC	Inv. 1214, Landscape Transformation on a Budget, October 2023		1,750.00
22204	G-E-M Plumbing, Inc.	Inv. 164573, Kitchen Maintenance Service		1,053.74
22205	HCI Systems, Inc.	Inv. 10047046, Camera System Maintenance Service		1,059.00
22206	Image Property Services, LLC	Inv. MCS-10432, Janitorial Services, October 2023 Inv. MCS-10576, Consumables, October 2023	1,907.59 <u>247.31</u>	2,154.90
22207	John Robinson Consulting, Inc.	Inv. UD202301-05, As-needed Engineering Support Services, September 2023		3,960.00
22208	Kelly Services, Inc.	Inv. 3902688723, Temporary Services Week Ending 10/01/23 Inv. 4002510523, Temporary Services Week Ending 10/08/23 Inv. 4102261623, Temporary Services Week Ending 10/15/23 (Board approved 02/17/19)	1,403.22 1,693.65 <u>1,743.21</u>	4,840.08
22209	Rogers, Anderson, Malody & Scott, LLP	Inv. 73587, Progress Payment for FY 22/23 Audit (Board approved 2/09/22)		16,200.00
22210	Stetson Engineers, Inc.	Inv. 2533-209, General Engineering Support Services, August 2023		13,787.73
22211	State Water Resources Control Board	Inv. 09805-23-11, Package 3 Annual State Revolving Fund Loan Repayment (Previously paid 11/02/23)		86,782.45
22212	Upper District Payroll Fund	Inv. Sept 23, Reimbursement of Payroll and Payroll Taxes for Employees Inv. Sept 23D, Reimbursement of Payroll Taxes for Directors	130,726.14 <u>6,442.49</u>	137,168.63
22213	Upper District Revolving Fund	Inv. Oct 23, Revolving Fund Account Replenishment - October 2023 Office Supplies Computer Systems/Equipment/Maintenance/Insurance/Outside Service Directors's Outreach Telephone/Utilities/Building Maintenance Meeting/Travel/Conferences/Dues/Assessments/Membership Workers Compensation Water Conservation Program Expenses WRP Operation & Maintenance/Permits/Water Purchases/PM/Public Info Medical/ODA Reimbursement/Processing Fee/Retirement Plan/Overdeposit	1,415.95 1,067.87 2,198.00 3,647.63 832.52 2,348.77 1,740.78 30,968.51 <u>23,582.52</u>	67,800.55
22214	U.S. Bank Corporate Payment System	CalCard Changes through 10/22/23 Meetings, Travel, Conferences Computer Systems/Office Equipment/Supplies/Maintenance & Service/Utilities Conservation Program Expenses, Education and Outreach	5,046.56 955.19 <u>2,449.27</u>	8,451.02

22215	Via Promotionals, Inc.	Inv. 21372, UD Logo Items	1,974.29	
		Inv. 21406, UD Logo Items	<u>442.38</u>	2,416.67
22216	WaterReuse Association	Inv. D51137, 2024 Annual Membership Dues		17,272.50
22217	Anthony Fellow	Director's Compensation, October 2023		
		9 Days District Business	2,295.00	
		10 MWD Business	2,550.00	
		Meeting/Travel Expenses/Allowance	516.87	
		Less Deferred Comp.	(500.00)	
		Less Taxes Withheld	<u>(1,505.75)</u>	3,356.12
22218	Ed Chavez	Director's Compensation, October 2023		
		10 Days District Business	2,550.00	
		Meeting/Travel Expenses/Allowance	516.87	
		Less Deferred Comp.	(500.00)	
		Less Taxes Withheld	<u>(1,850.78)</u>	716.09
22219	Charles Treviño	Director's Compensation, October 2023		
		10 Days District Business	2,550.00	
		Meeting/Travel Expenses/Allowance	516.87	
		Less Deferred Comp.	(500.00)	
		Less Taxes Withheld	<u>(525.65)</u>	2,041.22
22220	Jennifer Santana	Director's Compensation, October 2023		
		5 Days District Business	1,275.00	
		1 Days Watermaster Meeting	155.00	
		Meeting/Travel Expenses/Allowance	516.87	
		Less Deferred Comp.	(500.00)	
		Less Taxes Withheld	<u>(202.00)</u>	1,244.87
22221	Katerina Garcia	Director's Compensation, September 2023		
		6 Days District Business	1,530.00	
		Meeting/Travel Expenses/Allowance	516.87	
		Less Deferred Comp.	(500.00)	
		Less Taxes Withheld	<u>(241.43)</u>	1,305.44
			TOTAL	<u>\$526,955.94</u>
1141-1186	VOID	Printer error	\$	-
1187	Central Basin MWD	Invoice No. USGV-SEP23, Purchase of 3.8 AF of Recycled Water in August 2023 (Previously paid 11/02/23)		2,729.57
1188	VOID	Printer error		-
1189	City of Industry City Hall	Invoice No. Oct 23C2M, Operation & Maintenance Cost Reconciliation through 06/30/23		16,371.28
1190	City of Industry City Hall	Invoice No. R09302023-E, CIP Charge for September 2023 @ \$98 per AF		5,439.00
1191	Metropolitan Water District	Invoice No. 11279, Purchase of 207.9 AF of Treated Water in September 2023		242,912.10
1192	San Gabriel Valley MWD	Invoice No. 557, 77.64 AF of Water Delivered through the Alhambra/MWD Exchange Agreement in September 2023 @ \$220 per AF		17,080.80
1193	Suburban Water System	Invoice No. 6735, Phase IIB Normal Operating Charge, October 2023		1,776.16
1194	City of Industry City Hall	Invoice No. AUG23REI, Purchase of 84.8 AF of Recycled Water in August 2023	\$ 29,256.00	
		Invoice No. R09302023-D, Purchase of 55.5 AF of Recycled Water in September 2023	<u>19,147.50</u>	48,403.50
			TOTAL	<u>\$ 334,712.41</u>

Board of Directors
Upper San Gabriel Valley Municipal Water District

6. (b)
List of Demands

Submitted herewith for action by the Board of Directors of the Upper San Gabriel Valley Municipal Water District are the following demands on the District's General Fund Account at Citizens Business Bank:

22222	Michael Lim	Inv. 00-0001082, Heartsaver First Aid CPR AED Course (Previously paid 11/20/23)	\$	630.00
22223	GMS Elevator Service, Inc.	Inv. 117766, Building Elevator Modernization, Payment No. 2 (Previously paid 11/20/23) (Board approved 5/24/23)		28,747.20
22224	789, Inc.	Inv. USGV-320211, Marketing and Creative Services, December 2023 (Board approved 7/12/23)		5,575.00
22225	Aaron Read & Associates, LLC	Inv. 213120, State and Legislative Advocacy Services, November 2023 (Board approved 10/12/22)		10,000.00
22226	ACWA/JPIA	Inv. 0701029, Health Insurance Premium - December 2023		25,369.74
22227	Aleshire & Wynder, LLP	Professional Services, September 2023 Inv. 80655, Transactional Fees Inv. 80656, Retainer Professional Services, October 2023	1,512.50 4,404.00	
		Inv. 81889, Retainer Inv. 81890, Transactional Fees Inv. 81891, Transactional Fees (Board approved 04/13/22)	4,404.00 2,035.00 81.20	12,436.70
22228	Best Best & Krieger, LLP	Inv. 981110, Federal Legislative Advocacy Services through 10/31/23 (Board approved 10/12/22)		7,500.00
22229	BizFed	Inv. 5421, 2024 Annual Membership Dues		7,000.00
22230	City of Monrovia	Inv. 2400625, MAA Funding - Water Conservation Video		5,000.00
22231	Civic Publications, Inc.	Inv. 1806, 2023 Community Profiles Magazine		5,600.00
22232	EcoTech Services, Inc.	Inv. 2831, Home Leak Repair Kits, October 2023 Inv. 2855, Landscaping Maintenance, December 2023 (Board approved 06/08/22)	4,185.00 900.00	5,085.00
22233	G3LA, LLC	Inv. 1215, Resilient Alternatives to Lawn Workshop, November 2023		1,500.00
22234	HCI Systems, Inc.	Inv. I0056420, Troubleshoot Fire Alarm		969.00
22235	Image Property Services, LLC	Inv. MCS-10797, Janitorial Services, November 2023		1,907.59
22236	Joey C. Soto	Inv. 2023-UD-GA-OCT-109, Grant Writing Services, October 2023 (Board approved 06/08/22)		662.50
22237	John Robinson Consulting, Inc.	Inv. UD202301-06, As-needed Engineering Support Services, October 2023		2,640.00
22238	Kelly Services, Inc.	Inv. 4303049623, Temporary Services Week Ending 10/29/23 (Board approved 02/17/19)		1,763.79
22239	Land's End Business Outfitters	Inv. SIN11597359, UD Logo Items		71.46
22240	Rogers, Anderson, Malody & Scott, LLP	Inv. 73825, Progress Payment for FY 22/23 Audit (Board approved 2/09/22)		10,025.00
22241	Stetson Engineers, Inc.	Inv. 2533-210, General Engineering Support Services, September 2023		19,494.57
22242	Theodore Payne Foundation For Wild Flowers and Native Plants, Inc.	Inv. 04/13/UD, 21st Annual Native Plant Garden		500.00
22243	Upper District Payroll Fund	Inv. Oct 23, Reimbursement of Payroll and Payroll Taxes for Employees Inv. Oct 23D, Reimbursement of Payroll Taxes for Directors	142,469.43 10,701.82	153,171.25
22244	Upper District Revolving Fund	Inv. Nov 23, Revolving Fund Account Replenishment - November 2023 Office Supplies Computer Systems/Equipment/Maintenance/Insurance/Outside Service Directors's Outreach Telephone/Utilities/Building Maintenance Meeting/Travel/Conferences/Dues/Assessments/Membership Water Conservation Program Expenses WRP Operation & Maintenance/Permits/Water Purchases/PM/Public Info Medical/ODA Reimbursement/Processing Fee/Retirement Plan/Overdeposit	574.14 461.19 1,520.00 3,631.67 15.33 507.27 4,312.89 10,090.22	21,112.71
22245	Urban Water Institute	Inv. 2024, Membership Dues CY 2024		1,375.00
22246	U.S. Bank Corporate Payment System	CalCard Changes through 11/22/23 Meetings, Travel, Conferences Computer Systems/Office Equipment/Supplies/Maintenance & Service/Utilities Conservation Program Expenses, Education and Outreach	6,755.48 1,870.76 1,057.47	9,683.71

22247	Anthony Fellow	Director's Compensation, October 2023		
		10 Days District Business	2,550.00	
		9 MWD Business	2,295.00	
		Meeting/Travel Expenses/Allowance	516.87	
		Less Deferred Comp.	(500.00)	
		Less Taxes Withheld	(1,505.75)	3,356.12
22248	Katarina Garcia	Director's Compensation, October 2023		
		7 Days District Business	1,785.00	
		Meeting/Travel Expenses/Allowance	516.87	
		Less Deferred Comp.	(500.00)	
		Less Taxes Withheld	(292.05)	1,509.82
22249	Anthony Fellow	Director's Compensation, November 2023		
		10 Days District Business	2,550.00	
		10 MWD Business	2,550.00	
		Meeting/Travel Expenses/Allowance	516.87	
		Less Deferred Comp.	(500.00)	
		Less Taxes Withheld	(1,567.07)	3,549.80
22250	Ed Chavez	Director's Compensation, November 2023		
		10 Days District Business	2,550.00	
		Meeting/Travel Expenses/Allowance	516.87	
		Less Deferred Comp.	(500.00)	
		Less Taxes Withheld	(1,850.78)	716.09
22251	Jennifer Santana	Director's Compensation, November 2023		
		5 Days District Business	1,275.00	
		Meeting/Travel Expenses/Allowance	516.87	
		Less Deferred Comp.	(500.00)	
		Less Taxes Withheld	(188.44)	1,103.43
22252	Katerina Garcia	Director's Compensation, November 2023		
		8 Days District Business	2,040.00	
		Meeting/Travel Expenses/Allowance	516.87	
		Less Deferred Comp.	(500.00)	
		Less Taxes Withheld	(342.66)	1,714.21
			TOTAL	\$ 349,769.69

Board of Directors
Upper San Gabriel Valley Municipal Water District

Submitted herewith for action by the Board of Directors of the Upper San Gabriel Valley Municipal Water District are the following demands on the District's Water Fund Account at Citizens Business Bank:

1195	Central Basin MWD	Invoice No. USGV-OCT23, Purchase of 3.2 AF of Recycled Water in September 2023 <i>(Previously paid 12/01/23)</i>	\$ 2,341.77
1196	City of Industry City Hall	Invoice No. R10312023-D, Purchase of 46.6 AF of Recycled Water in October 2023	16,077.00
1197	City of Industry City Hall	Invoice No. R10312023-E, CIP Charge for October 2023 @ \$98 per AF	4,566.80
1198	Metropolitan Water District	Invoice No. 11308, Purchase of 215.4 AF of Treated Water in October 2023	695,803.65
1199	San Gabriel Valley MWD	Invoice No. 558, 80.11 AF of Water Delivered through the Alhambra/MWD Exchange Agreement in September 2023 @ \$220 per AF	17,624.20
1200	Suburban Water System	Invoice No. 6740, Phase IIB Normal Operating Charge, November 2023	<u>1,776.16</u>
TOTAL			<u>\$ 738,189.58</u>

MAS 90 BALANCES

DRAFT

UPPER SAN GABRIEL VALLEY MWD
FINANCIAL SUMMARY FOR OCTOBER 31, 2023

Expenses	FY ACTUAL MONTH	FY ACTUAL YEAR-TO-DATE	FY 2023-24 BUDGET	AMOUNT OF BUDGET REMAINING	PERCENT OF BUDGET REMAINING	Comments
Administrative Expenses	\$ 107,465	\$ 752,062	\$ 2,848,200	\$ 2,096,138	73.6%	YTD expenses include payment of annual contribution to CalPERS related to Upper District's unfunded accrued liability.
Water Conservation Program	105,672	480,642	2,078,200	1,597,558	76.9%	YTD actuals are consistent with budgeted numbers.
Stormwater Program	3,558	14,232	42,700	28,468	66.7%	YTD actuals are consistent with budgeted numbers.
Water Recycling Program	115,888	507,081	2,178,200	1,671,119	76.7%	As of October 31st, total recycled water purchases is 880 AF.
Water Quality and Supply Program	44,847	196,611	589,700	393,089	66.7%	YTD actuals are consistent with budgeted numbers.
Water Purchases	315,693	11,583,203	39,433,600	27,850,397	70.6%	As of October 31st, Upper District has delivered 953 AF of treated water and 11,873 AF of untreated water. Additional untreated water will be purchased in December.
Operating Expenses	693,123	13,533,831	47,170,600	33,636,769	71.3%	
Operating Revenues	950,122	14,003,554	47,346,100	33,342,546	70.4%	As of October 31st, total untreated water sales is 11,873 AF. Additional untreated water will be sold in December.
Net Reserve Activity from Operations (-/+)	256,999	469,723	175,500	n/a	n/a	
Capital Expenditures	-	3,036	217,000	213,964	98.6%	
Capital Program Revenues	-	-	-	-	0.0%	
Net Change in Cash Due to Capital Outlays	-	(3,036)	(217,000)	n/a	n/a	
Total Change in Fund Balances	\$ 256,999	\$ 466,687	\$ (41,500)	n/a	n/a	

**UPPER SAN GABRIEL VALLEY MUNICIPAL WATER DISTRICT
MONTHLY FINANCIAL STATEMENT AND BUDGET COMPARISON
PERIOD ENDED OCTOBER 31, 2023**

Page 1

	FY ACTUAL MONTH	FY ACTUAL YEAR-TO-DATE	FY 2023-24 BUDGET	AMOUNT OF BUDGET REMAINING	PERCENT OF BUDGET REMAINING
ADMINISTRATIVE AND OPERATING REVENUES					
Water Rate Revenues					
Tier 1 Treated	445,262	952,483	3,692,100	2,739,617	74%
Tier 1 Untreated	-	9,401,037	31,635,000	22,233,963	70%
Upper Surcharge Tier 1 Treated	4,121	103,823	309,000	205,177	66%
Upper Surcharge Tier 1 Untreated	-	1,358,492	3,811,000	2,452,508	64%
MWD Capacity Charge Revenue	28,885	102,820	353,200	250,380	71%
Gross MWD Standby Charge-Revenue Reconciliation	-	587,256	1,950,000	1,362,744	70%
MSGB Watermaster-Ready-to-Serve	6,300	25,200	75,600	50,400	67%
Sub Total	484,568	12,531,111	41,825,900	29,294,789	70%
Revolving Revenue					
MSGB Watermaster-SG River Watermaster	98,500	98,500	105,000	6,500	6%
Sub Total	98,500	98,500	105,000	6,500	6%
Other Administrative Revenues					
Interest/Investment Earnings	108,822	233,728	83,900	(149,828)	-179%
Taxes	-	96,313	500,000	403,687	81%
Other Income (Loss)	2,166	11,574	26,400	14,826	56%
Sub Total	110,988	341,615	610,300	268,685	44%
TOTAL ADMINISTRATIVE REVENUES	694,056	12,971,226	42,541,200	29,569,974	70%
CAPITAL PROJECT FUND REVENUES					
Recycled Water Revenues					
Recycled Water Sales	43,968	176,834	624,000	447,166	72%
Upper Recycled Water Surcharge Revenue	147,865	575,741	1,323,000	747,259	56%
Metropolitan Water District LRP Funds	15,650	40,529	128,000	87,471	68%
Parcel/Standby Charge	-	37,593	2,050,000	2,012,407	98%
Interest/Investment Earnings	6,751	14,550	14,300	(250)	-2%
Sub Total	214,234	845,247	4,139,300	3,294,053	80%
Water Conservation Revenues					
Conservation Program Contributions	27,357	151,544	585,000	433,456	74%
Sub Total	27,357	151,544	585,000	433,456	74%
TOTAL CAPITAL PROJECT FUND REVENUES	241,591	996,791	4,724,300	3,727,509	79%
OTHER FUND REVENUES					
Water Quality and Supply Program Revenues					
Interest/Investment Earnings	10,100	26,077	75,200	49,123	65%
Sub Total	10,100	26,077	75,200	49,123	65%
Rate Stabilization Fund Revenues					
Interest/Investment Earnings	4,375	9,460	5,400	(4,060)	-75%
Sub Total	4,375	9,460	5,400	(4,060)	-75%
TOTAL OTHER FUND REVENUES	14,475	35,537	80,600	45,063	56%
TOTAL REVENUES	950,122	14,003,554	47,346,100	33,342,546	70%

67% @10-31-23

UPPER SAN GABRIEL VALLEY MUNICIPAL WATER DISTRICT
MONTHLY FINANCIAL STATEMENT AND BUDGET COMPARISON
PERIOD ENDED OCTOBER 31, 2023

Page 2

	FY ACTUAL MONTH	FY ACTUAL YEAR-TO-DATE	FY 2023-24 BUDGET	AMOUNT OF BUDGET REMAINING	PERCENT OF BUDGET REMAINING
ADMINISTRATIVE AND OPERATING EXPENSES					67% @10-31-23
<u>Personnel Expenses</u>					
Employee Salaries	110,871	453,663	1,455,000	1,001,337	69%
Employee Benefits	17,488	79,713	288,000	208,287	72%
Retired Employee Benefits	7,059	28,119	103,000	74,881	73%
Employee Travel/Conference	2,302	6,985	50,000	43,015	86%
Sub Total	137,720	568,480	1,896,000	1,327,520	70%
<u>Director Expenses</u>					
Director Compensation	8,591	53,829	216,000	162,171	75%
Director Benefits	10,340	47,740	155,000	107,260	69%
Retired Director Benefits	1,214	4,856	33,000	28,144	85%
Director Public Outreach	2,198	6,797	25,000	18,203	73%
Director Travel/Conference	1,163	11,235	50,000	38,765	78%
Sub Total	23,506	124,457	479,000	354,543	74%
<u>Pension Expense</u>					
CalPERS-Employees, Directors, Retirees	13,934	213,006	500,000	286,994	57%
Sub Total	13,934	213,006	500,000	286,994	57%
<u>Office Expenses</u>					
Office Supplies/Equipment	4,059	9,250	40,000	30,750	77%
Equipment Operations & Maintenance	746	2,789	26,000	23,211	89%
Computer Systems	4,290	18,197	60,000	41,803	70%
Dues and Assessments	-	78,463	75,000	(3,463)	-5%
Meeting Expense	1,605	3,766	35,000	31,234	89%
Sub Total	10,700	112,465	236,000	123,535	52%
<u>Facility Expenses</u>					
Building Maintenance	7,423	21,130	45,000	23,870	53%
Liability/Property Insurance	-	16,158	65,000	48,842	75%
Telephone/Utilities	3,353	16,806	45,000	28,194	63%
Sub Total	10,776	54,094	155,000	100,906	65%
<u>Professional Services</u>					
Legal/Financial	7,639	27,697	112,000	84,303	75%
Engineering	-	30,048	145,000	114,952	79%
Auditor	-	-	31,000	31,000	100%
Outside Services	8,548	42,277	55,000	12,723	23%
Public Information/Outreach	-	970	3,500	2,530	72%
Sub Total	16,187	100,992	346,500	245,508	71%
<u>Other Expenses</u>					
Election Costs	-	-	500,000	500,000	100%
Sub Total	-	-	500,000	500,000	100%
<u>Allocation to Projects and Programs</u>					
Salaries/Overhead Allocated to Projects	(105,358)	(421,432)	(1,264,300)	(842,868)	67%
Sub Total	(105,358)	(421,432)	(1,264,300)	(842,868)	67%
TOTAL	107,465	752,062	2,848,200	2,096,138	74%
<u>Water Purchases</u>					
Tier 1 Treated	315,693	1,085,739	3,692,100	2,606,361	71%
Tier 1 Untreated	-	9,401,037	31,635,000	22,233,963	70%
MWD Capacity Charge	-	85,860	353,200	267,340	76%
MWD Ready-to-Serve Charge	-	912,067	3,648,300	2,736,233	75%
Sub Total	315,693	11,484,703	39,328,600	27,843,897	71%
<u>Revolving Expenses</u>					
San Gabriel River Watermaster	-	98,500	105,000	6,500	6%
Sub Total	-	98,500	105,000	6,500	6%
TOTAL	315,693	11,583,203	39,433,600	27,850,397	71%
TOTAL ADMINISTRATIVE EXPENSES	423,158	12,335,265	42,281,800	29,946,535	71%

UPPER SAN GABRIEL VALLEY MUNICIPAL WATER DISTRICT
MONTHLY FINANCIAL STATEMENT AND BUDGET COMPARISON
PERIOD ENDED OCTOBER 31, 2023

Page 3

	FY ACTUAL MONTH	FY ACTUAL YEAR-TO-DATE	FY 2023-24 BUDGET	AMOUNT OF BUDGET REMAINING	PERCENT OF BUDGET REMAINING
RECYCLED WATER PROGRAM EXPENSES					
					67% @10-31-23
Water Purchases-Recycled Water	32,937	112,286	624,000	511,714	82%
SWRCB Loan Repayment	-	101,499	791,000	689,501	87%
Salaries and Overhead Allocation	5,433	21,732	65,200	43,468	67%
Standby Charge Development/Implementation	-	3,800	18,500	14,700	79%
Engineering - General	660	3,135	52,500	49,365	94%
Lobbyist	15,000	30,000	95,000	65,000	68%
Legal and Financial	-	240	3,000	2,760	92%
Public Information	-	1,597	5,000	3,403	68%
Operation and Maintenance Phase I/IIA	44,639	170,510	361,000	190,490	53%
Operation and Maintenance Phase IIB	17,219	62,282	163,000	100,718	62%
Sub Total	115,888	507,081	2,178,200	1,671,119	77%
TOTAL RECYCLED WATER EXPENSES	115,888	507,081	2,178,200	1,671,119	77%
CAPITAL PROGRAM EXPENSES					
San Gabriel Valley Water Recycling Project					
Direct Reuse Program	-	-	100,000	100,000	100%
USG Connections	-	-	15,000	15,000	100%
Legal and Financial	-	-	2,000	2,000	100%
Sub Total	-	-	117,000	117,000	100%
Other Capital Program Expenses					
District Headquarters	-	3,036	100,000	96,964	97%
Sub Total	-	3,036	100,000	96,964	97%
TOTAL CAPITAL PROGRAM EXPENSES	-	3,036	217,000	213,964	99%
STORMWATER PROGRAM EXPENSES					
Stormwater Program					
Salaries and Overhead Allocation	3,558	14,232	42,700	28,468	67%
Sub Total	3,558	14,232	42,700	28,468	67%
TOTAL STORMWATER EXPENSES	3,558	14,232	42,700	28,468	67%

UPPER SAN GABRIEL VALLEY MUNICIPAL WATER DISTRICT
MONTHLY FINANCIAL STATEMENT AND BUDGET COMPARISON
PERIOD ENDED OCTOBER 31, 2023

Page 4

	FY ACTUAL MONTH	FY ACTUAL YEAR-TO-DATE	FY 2023-24 BUDGET	AMOUNT OF BUDGET REMAINING	PERCENT OF BUDGET REMAINING
WATER CONSERVATION PROGRAM EXPENSES					67% @10-31-23
WATER USE EFFICIENCY					
<u>Residential Programs</u>					
Member Agency Administered Programs	6,765	6,765	335,000	328,235	98%
Regional Rebate Program	18,142	37,757	40,000	2,243	6%
Sub Total	24,907	44,522	375,000	330,478	88%
<u>Commercial/Industrial/Institution Programs</u>					
Member Agency Administered Programs	2,450	81,699	210,000	128,301	61%
Regional Rebate Program	-	-	-	-	0%
Sub Total	2,450	81,699	210,000	128,301	61%
<u>Allocation to Conservation Programs</u>					
Salaries & Overhead	20,942	83,768	251,300	167,532	67%
Sub Total	20,942	83,768	251,300	167,532	67%
TOTAL WATER USE EFFICIENCY EXPENSES	48,299	209,989	836,300	626,311	75%
EDUCATION & COMMUNITY OUTREACH					
<u>Watershed Programs</u>					
Natural Vegetation Restoration Program	-	-	20,000	20,000	100%
Sub Total	-	-	20,000	20,000	100%
<u>Educational Programs</u>					
Water Awareness Youth Art Contests	-	-	11,000	11,000	100%
Educational Activities	-	7,570	60,000	52,430	87%
Memberships	-	28,322	135,000	106,678	79%
Educational Materials/Grant Program	-	(1,000)	55,000	56,000	102%
Educational Outreach Programs/Events	2,834	4,764	150,000	145,236	97%
Sub Total	2,834	39,656	411,000	371,344	90%
<u>Outreach and Information Programs</u>					
Public Workshops/Seminars	1,500	5,000	40,000	35,000	88%
Conservation Devices/Items	2,978	7,727	40,000	32,273	81%
Bottled Water Program	561	5,541	15,500	9,959	64%
Community/Industry Sponsorships	-	8,800	35,000	26,200	75%
Displays/Fairs/Presentations	323	1,283	5,000	3,717	74%
Conferences/Meetings	770	2,657	7,000	4,343	62%
Public Information	4,321	17,595	100,000	82,405	82%
Technical Assistance	2,588	18,796	70,000	51,204	73%
Legal/Financial	798	798	10,000	9,202	92%
Sub Total	13,839	68,197	322,500	254,303	79%
<u>Allocation to Conservation Programs</u>					
Salaries & Overhead	40,700	162,800	488,400	325,600	67%
Sub Total	40,700	162,800	488,400	325,600	67%
TOTAL EDUCATION & COMMUNITY OUTREACH EXPENSES	57,373	270,653	1,241,900	971,247	78%
TOTAL WATER CONSERVATION EXPENSES	105,672	480,642	2,078,200	1,597,558	77%
WATER QUALITY AND SUPPLY PROGRAM EXPENSES					
<u>Policy 9-00-8 Groundwater Remediation Projects</u>					
Engineering for Water Supply Projects	-	17,349	32,000	14,651	46%
Legislative Consultant	10,000	40,000	130,000	90,000	69%
Sub Total	10,000	57,349	162,000	104,651	65%
<u>Other Expenses</u>					
Water Supply Reliability Plan/Emergency Preparedness	-	-	5,000	5,000	100%
Legal and Financial	122	362	6,000	5,638	94%
Salaries and Overhead Allocation	34,725	138,900	416,700	277,800	67%
Sub Total	34,847	139,262	427,700	288,438	67%
TOTAL WATER QUALITY AND SUPPLY EXPENSES	44,847	196,611	589,700	393,089	67%
TOTAL EXPENSES	693,123	13,536,867	47,387,600	33,850,733	71%

UPPER SAN GABRIEL VALLEY MUNICIPAL WATER DISTRICT
SUMMARY OF CASH AND INVESTMENTS
October 31, 2023

Page 5

CASH AND INVESTMENT BALANCES

Cash Account Balances

	Amount (\$)
General Fund-Checking	\$ 528,091.20
Water Fund-Checking	76,436.47
Revolving Fund	55,781.97
Revolving Payroll Fund	183,901.39
Total Cash Account Balances	<u>\$ 844,211.03</u>

Investment Account Balances

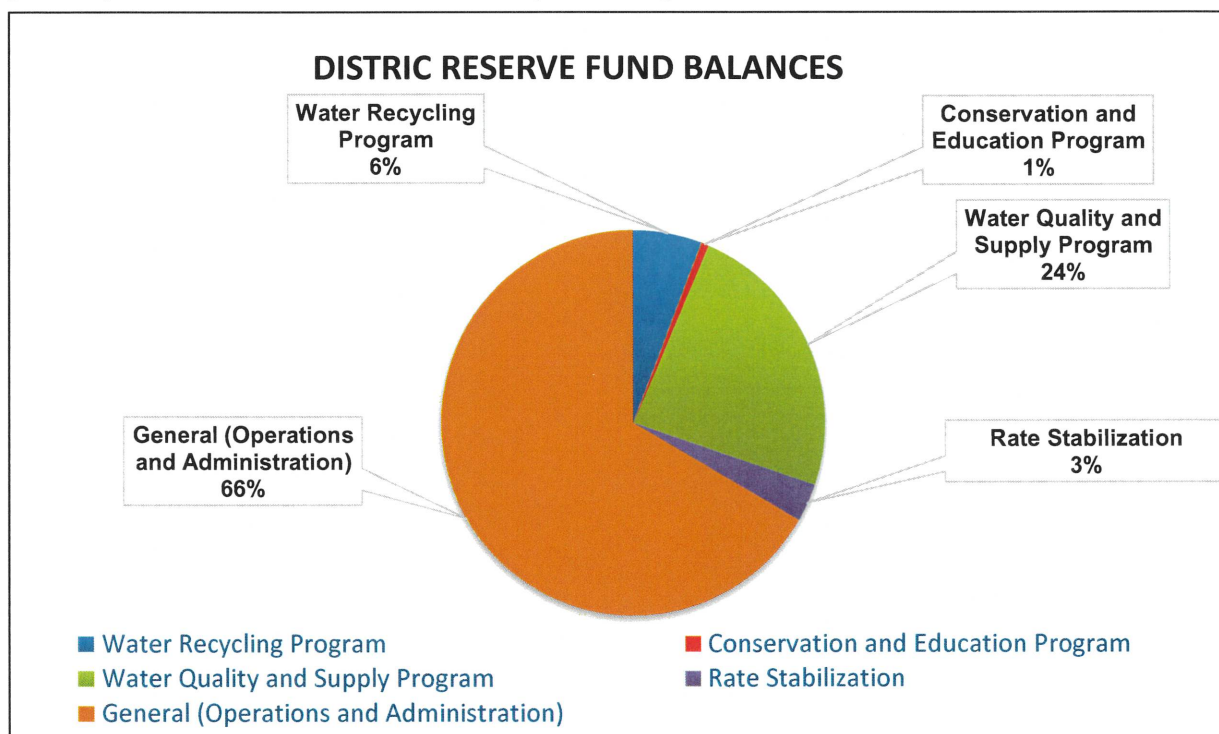
	Market Value	Cost/Book Value
Local Agency Investment Fund	\$ 13,847,601.89	\$ 13,847,601.89
Other Investments	5,654,233.52	5,776,655.35
Total Investment Account Balances	<u>\$ 19,501,835.41</u>	<u>\$ 19,624,257.24</u>

Total Cash and Investment Balances \$ 20,346,046.44

DISTRICT FUND BALANCES

Capital Program Fund:	
Water Recycling Program	\$ 1,180,915.00
Conservation and Education Program	124,908.00
Water Quality and Supply Program	4,845,677.00
Sub Total	<u>6,151,500.00</u>
Rate Stabilization Fund	652,408.00
General Fund (Operations and Administration)	13,542,138.44
Total Fund Balances	<u><u>\$ 20,346,046.44</u></u>

MANAGEMENT STATEMENT: It is the opinion of management that all fund balances are in compliance with all applicable statutes and the current investment policy of the District. It is also the opinion of management that projected cash flow liquidity is adequate to meet the next six months of expected obligations of the District.



California State Treasurer
Fiona Ma, CPA



Local Agency Investment Fund
P.O. Box 942809
Sacramento, CA 94209-0001
(916) 653-3001

November 01, 2023

[LAIF Home](#)
[PMIA Average Monthly](#)
[Yields](#)

UPPER SAN GABRIEL VALLEY MUNICIPAL
WATER DISTRICT
GENERAL MANAGER
248 E. FOOTHILL BLVD, SUITE 200
MONROVIA, CA 91016

[Tran Type Definitions](#)

Account Number: 90-19-021

October 2023 Statement

Effective Date	Transaction Date	Tran Type	Confirm Number	Web Confirm Number	Authorized Caller	Amount
10/2/2023	9/29/2023	RD	1739132	N/A	EVELYN RODRIGUEZ	1,400,000.00
10/13/2023	10/12/2023	QRD	1741018	N/A	SYSTEM	112,109.77

Account Summary

Total Deposit:	1,512,109.77	Beginning Balance:	12,335,492.12
Total Withdrawal:	0.00	Ending Balance:	13,847,601.89



Upper San Gabriel Valley Municipal Water District - Account #10214

MONTHLY ACCOUNT STATEMENT

OCTOBER 1, 2023 THROUGH OCTOBER 31, 2023

Chandler Team:

For questions about your account, please call (800) 317-4747,
or contact operations@chandlerasset.com

Custodian

US Bank
Alexander Bazan
(503) 402-5305

CHANDLER ASSET MANAGEMENT
chandlerasset.com

Information contained herein is confidential. We urge you to compare this statement to the one you receive from your qualified custodian. Please see Important Disclosures.



PORTFOLIO CHARACTERISTICS

Average Modified Duration	1.29
Average Coupon	2.38%
Average Purchase YTM	2.55%
Average Market YTM	5.32%
Average S&P/Moody Rating	AA+/Aaa
Average Final Maturity	1.38 yrs
Average Life	1.38 yrs

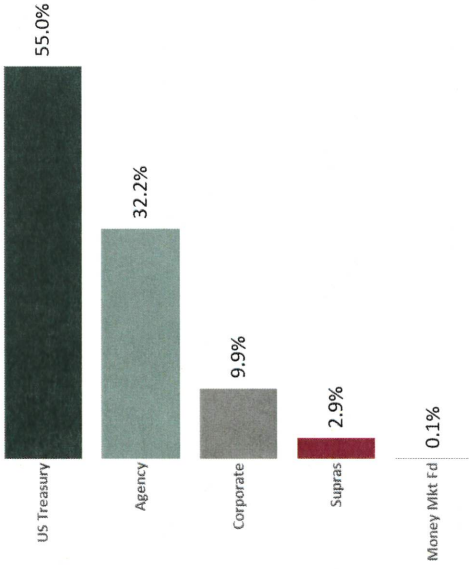
ACCOUNT SUMMARY

	Beg. Values as of 9/30/23	End Values as of 10/31/23
Market Value	5,145,640	5,164,876
Accrued Interest	29,241	28,802
Total Market Value	5,174,881	5,193,678
Income Earned	9,816	11,003
Cont./WD		-621
Par	5,281,567	5,292,293
Book Value	5,270,583	5,281,404
Cost Value	5,263,978	5,274,705

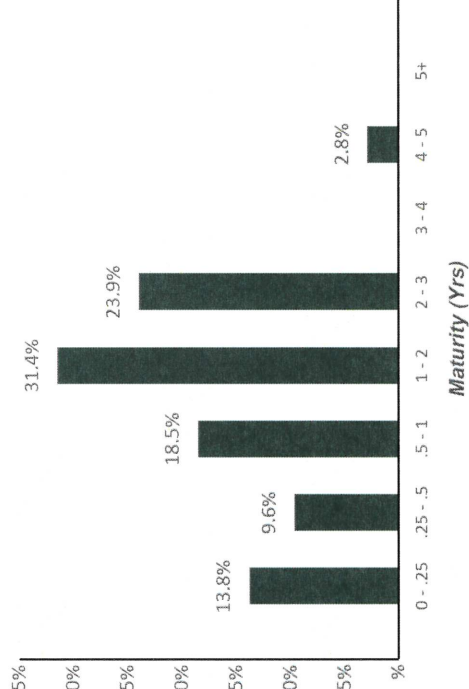
TOP ISSUERS

Government of United States	55.0%
Federal Farm Credit Bank	16.2%
Federal Home Loan Bank	13.0%
Federal Home Loan Mortgage Corp	3.0%
Inter-American Dev Bank	2.9%
Bank of New York	1.2%
Wal-Mart Stores	1.2%
Microsoft	1.2%
Total	93.8%

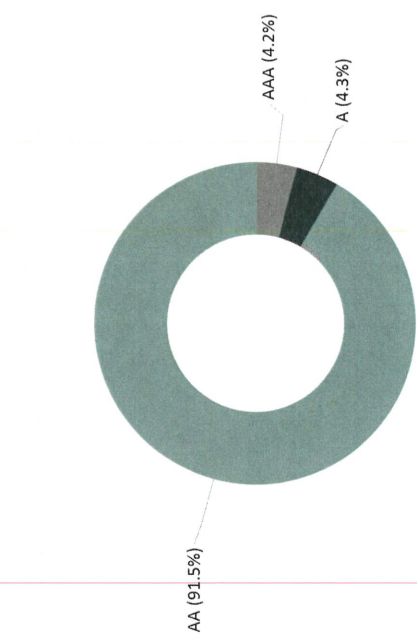
SECTOR ALLOCATION



MATURITY DISTRIBUTION



CREDIT QUALITY (S&P)



PERFORMANCE REVIEW

TOTAL RATE OF RETURN	Annualized								
	1M	3M	YTD	1YR	2YRS	3YRS	5YRS	10YRS	5/31/2014
Upper San Gabriel Valley Municipal Water District	0.38%	0.96%	2.85%	3.69%	0.26%	0.15%	1.46%	N/A	1.09%
ICE BofA 0-3 Yr US Treasury Index*	0.37%	0.93%	2.72%	3.54%	0.10%	0.03%	1.39%	N/A	1.00%

*ICE BofA 1-3 Yr US Treasury & Agency Index to 3/31/19



Upper San Gabriel Valley Municipal Water District

Assets managed by Chandler Asset Management are in full compliance with state law and with the District's investment policy.

Category	Standard	Comment
Municipal Bonds	No limitation; 5 year max maturity	Complies
Agency Bonds	60% max for Federal Agency obligations that do not have a guarantee by the U.S. Government; 5 year maximum maturity	Complies
International Obligations	"AA" rating category or higher by a NRSRO; 30% max; 10% max per issuer; USD denominated senior unsecured unsubordinated obligations; Issued or unconditionally guaranteed by IBRD, IFC, or IADB	Complies
Corporate Notes and Bonds	"A" rating category or better by a NRSRO for maturities 2 years or less; "AA" rated or better by a NRSRO for maturities greater than 2 years; 30% max; 5% max per issuer; Corporations organized and operating within the U.S. or by depository institutions licensed by the U.S. or any state and operating within the U.S.; 5 years max maturity	Complies
Investment Grade Certificates of Deposit	"F1" or higher rating by Fitch; 1 year maximum maturity; Credit requirements may be waived for any time deposit that is FDIC insured	Complies
Time Deposits	"F1" or higher rating by Fitch; 1 year max maturity; Credit requirements may be waived for any time deposit that is FDIC insured	Complies
Agency Investment Fund (LAIF)	Maximum amount permitted by State Treasury policy	Complies
Government Investment Pools		Complies
Equity Market Mutual Funds	Registered with SEC under Investment Company Act of 1940, provided that Funds meet either of the following criteria: (i) Highest rating by two NRSROs; or (ii) Retained an investment adviser registered or exempt from SEC registration with > 5 years experience managing money market mutual funds with AUM >\$500 million; 20% max in Money Market Funds	Complies
Fixed Income Maturity	5 years	Complies



BOOK VALUE RECONCILIATION		
BEGINNING BOOK VALUE		\$5,270,582.81
<u>Acquisition</u>		
+ Security Purchases	\$194,362.00	
+ Money Market Fund Purchases	\$191,374.10	
+ Money Market Contributions	\$0.00	
+ Security Contributions	\$0.00	
+ Security Transfers	\$0.00	
Total Acquisitions		\$385,736.10
<u>Dispositions</u>		
- Security Sales	\$0.00	
- Money Market Fund Sales	\$195,026.34	
- MMF Withdrawals	\$621.30	
- Security Withdrawals	\$0.00	
- Security Transfers	\$0.00	
- Other Dispositions	\$0.00	
- Maturities	\$180,000.00	
- Calls	\$0.00	
- Principal Paydowns	\$0.00	
Total Dispositions		\$375,647.64
<u>Amortization/Accretion</u>		
+/- Net Accretion	\$732.75	\$732.75
<u>Gain/Loss on Dispositions</u>		
+/- Realized Gain/Loss	\$0.00	\$0.00
ENDING BOOK VALUE		\$5,281,404.02

CASH TRANSACTION SUMMARY		
BEGINNING BALANCE		\$7,566.79
<u>Acquisition</u>		
Contributions	\$0.00	
Security Sale Proceeds	\$0.00	
Accrued Interest Received	\$0.00	
Interest Received	\$10,975.00	
Dividend Received	\$399.10	
Principal on Maturities	\$180,000.00	
Interest on Maturities	\$0.00	
Calls/Redemption (Principal)	\$0.00	
Interest from Calls/Redemption	\$0.00	
Principal Paydown	\$0.00	
Total Acquisitions	\$191,374.10	
<u>Dispositions</u>		
Withdrawals	\$621.30	
Security Purchase	\$194,362.00	
Accrued Interest Paid	\$664.34	
Total Dispositions	\$195,647.64	
ENDING BOOK VALUE		\$3,293.25

Upper San Gabriel Valley Municipal Water District

Holdings Report

Account #10214

As of October 31, 2023



CUSIP	Security Description	Par Value/Units	Purchase Date Book Yield	Cost Value Book Value	Mkt Price Mkt YTM	Market Value Accrued Int.	% of Port. Gain/Loss	Moody/S&P Fitch	Maturity Duration
AGENCY									
3137EAEZ8	FHLMC Note 0.25% Due 11/6/2023	105,000.00	11/03/2020 0.28%	104,905.50 104,999.57	99.93 5.35%	104,925.56 127.60	2.02% (74.01)	Aaa / AA+ AA+	0.02 0.01
3137EAF2	FHLMC Note 0.25% Due 12/4/2023	50,000.00	12/02/2020 0.28%	49,950.50 49,998.51	99.50 5.73%	49,750.00 51.04	0.96% (248.51)	Aaa / AA+ AA+	0.09 0.09
3130AT7D3	FHLB Note 3.5% Due 12/8/2023	60,000.00	09/27/2022 4.51%	59,307.54 59,941.24	99.79 5.48%	59,873.70 834.17	1.17% (67.54)	Aaa / AA+ NR	0.10 0.10
3133EMRZ7	FFCB Note 0.25% Due 2/26/2024	85,000.00	02/22/2021 0.26%	84,969.40 84,996.73	98.28 5.75%	83,533.84 38.37	1.61% (1,462.89)	Aaa / AA+ AA+	0.32 0.31
3130A0XE5	FHLB Note 3.25% Due 3/8/2024	70,000.00	06/13/2022 3.23%	70,016.80 70,003.40	99.16 5.66%	69,410.88 334.93	1.34% (592.52)	Aaa / AA+ NR	0.35 0.35
3130ASDS5	FHLB Note 2.75% Due 6/28/2024	60,000.00	06/09/2022 2.87%	59,860.80 59,955.40	98.24 5.50%	58,945.62 563.75	1.15% (1,009.78)	Aaa / AA+ NR	0.66 0.63
3130ATT31	FHLB Note 4.5% Due 10/3/2024	75,000.00	10/27/2022 4.56%	74,918.25 74,960.98	99.13 5.48%	74,346.75 262.50	1.44% (614.23)	Aaa / AA+ NR	0.93 0.89
3133ENS43	FFCB Note 4.375% Due 10/17/2024	100,000.00	10/11/2022 4.44%	99,875.00 99,939.98	98.96 5.50%	98,958.20 170.14	1.91% (981.78)	Aaa / AA+ AA+	0.96 0.93
3130AQF40	FHLB Note 1% Due 12/20/2024	75,000.00	12/21/2021 1.03%	74,934.00 74,974.96	95.08 5.53%	71,310.23 272.92	1.38% (3,664.73)	Aaa / AA+ NR	1.14 1.10
3133ENKS8	FFCB Note 1.125% Due 1/6/2025	40,000.00	01/06/2022 1.20%	39,910.00 39,964.36	95.15 5.42%	38,059.76 143.75	0.74% (1,904.60)	NR / AA+ AA+	1.19 1.14
3133ENPG9	FFCB Note 1.75% Due 2/14/2025	70,000.00	02/10/2022 1.84%	69,813.10 69,919.61	95.62 5.32%	66,930.57 262.01	1.29% (2,989.04)	Aaa / AA+ AA+	1.29 1.24
3133ENPY0	FFCB Note 1.75% Due 2/25/2025	100,000.00	03/09/2022 1.90%	99,578.00 99,812.01	95.49 5.34%	95,494.10 320.83	1.84% (4,317.91)	Aaa / AA+ AA+	1.32 1.27
3130AUZC1	FHLB Note 4.625% Due 3/14/2025	100,000.00	03/23/2023 4.18%	100,823.00 100,569.59	99.03 5.36%	99,029.80 603.82	1.92% (1,539.79)	Aaa / AA+ NR	1.37 1.30
3133EN7I3	FFCB Note 3.875% Due 2/2/2026	69,000.00	02/15/2023 4.51%	67,798.71 68,085.15	97.33 5.14%	67,159.56 661.01	1.31% (925.59)	Aaa / AA+ AA+	2.26 2.10
3133EPCF0	FFCB Note 4.5% Due 3/2/2026	100,000.00	03/23/2023 3.97%	101,445.00 101,146.31	98.68 5.11%	98,675.30 737.50	1.91% (2,471.01)	Aaa / AA+ AA+	2.34 2.17
3133EPFT7	FFCB Note 3.75% Due 4/13/2026	100,000.00	04/10/2023 3.99%	99,332.00 99,455.12	96.99 5.07%	96,989.90 187.50	1.87% (2,465.22)	Aaa / AA+ AA+	2.45 2.30



Account #10214

CUSIP	Security Description	Par Value/Units	Purchase Date Book Yield	Cost Value Book Value	Mkt Price Mkt YTM	Market Value Accrued Int.	% of Port. Gain/Loss	Moody/S&P Fitch	Maturity Duration
AGENCY									
3130AWLZ1	FHLB Note 4.75% Due 6/12/2026	90,000.00	07/19/2023 4.45%	90,720.00 90,649.22	99.23 5.07%	89,306.64 1,318.13	1.74% (1,342.58)	Aaa / AA+ NR	2.62 2.39
3133EPZY4	FFCB Note 5% Due 7/30/2026	100,000.00	10/30/2023 5.01%	99,970.00 99,970.03	99.89 5.05%	99,885.50 13.89	1.92% (84.53)	Aaa / AA+ NR	2.75 2.54
3133EPUW3	FFCB Note 4.75% Due 9/1/2026	95,000.00	10/23/2023 4.99%	94,392.00 94,396.66	99.36 4.99%	94,396.47 752.08	1.83% (0.19)	Aaa / AA+ AA+	2.84 2.60
3130AWTR1	FHLB Note 4.375% Due 9/8/2028	150,000.00	09/15/2023 4.51%	149,059.50 149,082.27	97.60 4.94%	146,394.15 1,585.94	2.85% (2,688.12)	Aaa / AA+ NR	4.86 4.27
Total Agency		1,694,000.00	3.27%	1,691,579.10 1,692,821.10	5.30%	1,663,376.53 9,241.88	32.20% (29,444.57)	Aaa / AA+ AA+	1.72 1.58
CORPORATE									
14913R2S5	Caterpillar Financial Service Note 0.95% Due 1/10/2024	50,000.00	01/14/2022 1.07%	49,886.00 49,988.93	99.10 5.66%	49,552.05 146.46	0.96% (436.88)	A2 / A A+	0.19 0.19
24422EVN6	John Deere Capital Corp Note 0.45% Due 1/17/2024	50,000.00	03/09/2022 1.98%	48,619.50 49,842.99	98.91 5.68%	49,454.20 65.00	0.95% (388.79)	A2 / A A+	0.21 0.21
09247XAL5	Blackrock Inc Note 3.5% Due 3/18/2024	50,000.00	05/11/2022 2.82%	50,606.50 50,124.00	99.16 5.72%	49,581.55 209.03	0.96% (542.45)	Aa3 / AA- NR	0.38 0.37
023135BW5	Amazon.com Inc Note 0.45% Due 5/12/2024	40,000.00	05/10/2021 0.50%	39,941.60 39,989.72	97.36 5.58%	38,942.00 84.50	0.75% (1,047.72)	A1 / AA AA-	0.53 0.52
69371RR81	Paccar Financial Corp Note 3.15% Due 6/13/2024	60,000.00	06/06/2022 3.16%	59,986.20 59,995.75	98.41 5.81%	59,043.72 724.50	1.15% (952.03)	A1 / A+ NR	0.62 0.59
0378338G4	Apple Inc Note 3.2% Due 5/13/2025	50,000.00	05/11/2022 3.02%	50,260.50 50,132.86	96.87 5.35%	48,435.00 746.67	0.95% (1,697.86)	Aaa / AA+ NR	1.53 1.45
06406RBF3	Bank of NY Mellon Corp Callable Note Cont 6/13/2024 3.43% Due 6/13/2025	65,000.00	06/08/2022 3.43%	65,000.00 65,000.00	98.27 6.12%	63,874.59 854.64	1.25% (1,125.41)	A1 / A AA-	1.62 1.51
194162AM5	Colgate Palmolive Co. Note 3.1% Due 8/15/2025	25,000.00	08/01/2022 3.13%	24,977.00 24,986.37	96.36 5.25%	24,090.98 163.61	0.47% (895.39)	Aa3 / AA- NR	1.79 1.70
931142EW9	Wal-Mart Stores Note 3.9% Due 9/9/2025	65,000.00	Various 3.84%	65,103.50 65,064.02	97.69 5.22%	63,497.46 366.17	1.23% (1,566.56)	Aa2 / AA AA	1.86 1.75



CUSIP	Security Description	Par Value/Units	Purchase Date Book Yield	Cost Value Book Value	Mkt Price Mkt YTM	Market Value Accrued Int.	% of Port. Gain/Loss	Moody/S&P Fitch	Maturity Duration
CORPORATE									
594918812	Microsoft Callable Note Cont 8/3/2025 3.125% Due 11/3/2025	65,000.00	01/24/2023 4.28%	63,051.30 63,588.54	95.96 5.28%	62,372.44 1,004.34	1.22% (1,216.10)	Aaa / AAA NR	2.01 1.88
Total Corporate		520,000.00	2.85%	517,432.10 518,713.18	5.59%	508,843.99 4,364.92	9.88% (9,869.19)	Aa3 / AA- AA-	1.10 1.04
MONEY MARKET FUND									
31846V203	First American Govt Obligation Fund Class Y	3,293.25	Various 4.97%	3,293.25 3,293.25	1.00 4.97%	3,293.25 0.00	0.06% 0.00	Aaa / AAA AAA	0.00 0.00
Total Money Market Fund		3,293.25	4.97%	3,293.25 3,293.25	4.97%	3,293.25 0.00	0.06% 0.00	Aaa / AAA AAA	0.00 0.00
SUPRANATIONAL									
4581X0EE4	Inter-American Dev Bank Note 3.25% Due 7/1/2024	50,000.00	06/22/2022 3.26%	49,995.00 49,998.34	98.45 5.65%	49,224.15 541.67	0.96% (774.19)	Aaa / AAA AAA	0.67 0.64
4581X0EK0	Inter-American Dev Bank Note 4.5% Due 5/15/2026	100,000.00	06/27/2023 4.53%	99,923.00 99,931.70	98.65 5.07%	98,649.90 1,437.50	1.93% (1,281.80)	Aaa / AAA AAA	2.54 2.33
Total Supranational		150,000.00	4.11%	149,918.00 149,930.04	5.26%	147,874.05 1,979.17	2.89% (2,055.99)	Aaa / AAA AAA	1.92 1.77
US TREASURY									
91282CAW1	US Treasury Note 0.25% Due 11/15/2023	100,000.00	06/17/2021 0.29%	99,906.25 99,998.51	99.81 5.01%	99,806.00 115.49	1.92% (192.51)	Aaa / AA+ AA+	0.04 0.04
9128285P1	US Treasury Note 2.875% Due 11/30/2023	100,000.00	05/31/2023 5.24%	98,851.56 99,817.01	99.80 5.30%	99,796.80 1,209.70	1.94% (20.21)	Aaa / AA+ AA+	0.08 0.08
91282CBA8	US Treasury Note 0.125% Due 12/15/2023	100,000.00	12/17/2020 0.19%	99,816.41 99,992.58	99.37 5.31%	99,366.80 47.47	1.91% (625.78)	Aaa / AA+ AA+	0.12 0.12
91282CBE0	US Treasury Note 0.125% Due 1/15/2024	100,000.00	01/12/2021 0.24%	99,644.53 99,975.65	98.93 5.34%	98,933.60 37.02	1.91% (1,042.05)	Aaa / AA+ AA+	0.21 0.20

Upper San Gabriel Valley Municipal Water District

Holdings Report

Account #10214

As of October 31, 2023



CUSIP	Security Description	Par Value/Units	Purchase Date Book Yield	Cost Value Book Value	Mkt Price Mkt YTM	Market Value Accrued Int.	% of Port. Gain/Loss	Moody/S&P Fitch	Maturity Duration
US TREASURY									
91282CBM2	US Treasury Note 0.125% Due 2/15/2024	100,000.00	02/16/2021 0.20%	99,761.72 99,976.89	98.48 5.43%	98,480.50 26.49	1.90% (1,496.39)	Aaa / AA+ AA+	0.29 0.29
91282CBR1	US Treasury Note 0.25% Due 3/15/2024	100,000.00	03/10/2021 0.33%	99,769.53 99,971.61	98.11 5.42%	98,105.50 32.28	1.89% (1,866.11)	Aaa / AA+ AA+	0.37 0.37
91282CBV2	US Treasury Note 0.375% Due 4/15/2024	100,000.00	04/14/2021 0.36%	100,035.16 100,005.33	97.73 5.46%	97,734.40 17.42	1.88% (2,270.93)	Aaa / AA+ AA+	0.46 0.45
91282CCC3	US Treasury Note 0.25% Due 5/15/2024	100,000.00	05/12/2021 0.35%	99,707.03 99,947.51	97.22 5.54%	97,218.80 115.49	1.87% (2,728.71)	Aaa / AA+ AA+	0.54 0.53
91282CCG4	US Treasury Note 0.25% Due 6/15/2024	100,000.00	06/09/2021 0.31%	99,820.31 99,962.78	96.81 5.53%	96,812.50 94.95	1.87% (3,150.28)	Aaa / AA+ AA+	0.62 0.61
91282CCL3	US Treasury Note 0.375% Due 7/15/2024	100,000.00	07/13/2021 0.42%	99,863.28 99,967.94	96.50 5.50%	96,496.10 111.07	1.86% (3,471.84)	Aaa / AA+ AA+	0.71 0.69
912828VE4	US Treasury Note 1.25% Due 8/31/2024	100,000.00	08/05/2021 0.39%	102,605.47 100,706.57	96.58 5.50%	96,582.00 212.91	1.86% (4,124.57)	Aaa / AA+ AA+	0.84 0.81
91282CCX7	US Treasury Note 0.375% Due 9/15/2024	100,000.00	09/10/2021 0.44%	99,804.69 99,943.15	95.68 5.51%	95,675.80 48.42	1.84% (4,267.35)	Aaa / AA+ AA+	0.88 0.85
91282CDB4	US Treasury Note 0.625% Due 10/15/2024	100,000.00	10/14/2021 0.63%	99,992.19 99,997.51	95.54 5.48%	95,539.10 29.03	1.84% (4,458.41)	Aaa / AA+ AA+	0.96 0.93
912828YM6	US Treasury Note 1.5% Due 10/31/2024	100,000.00	09/23/2021 0.52%	103,003.91 100,967.72	96.19 5.47%	96,187.50 4.12	1.85% (4,780.22)	Aaa / AA+ AA+	1.00 0.97
91282CDH1	US Treasury Note 0.75% Due 11/15/2024	100,000.00	11/29/2021 0.81%	99,816.41 99,935.46	95.31 5.45%	95,308.60 346.47	1.84% (4,626.86)	Aaa / AA+ AA+	1.04 1.01
912828VY6	US Treasury Note 1.5% Due 11/30/2024	75,000.00	09/29/2021 0.57%	77,188.48 75,747.15	95.90 5.45%	71,923.80 473.36	1.39% (3,823.35)	Aaa / AA+ AA+	1.08 1.04
91282CDN8	US Treasury Note 1% Due 12/15/2024	100,000.00	12/09/2021 1.00%	100,003.91 100,001.46	95.26 5.41%	95,257.80 379.78	1.84% (4,743.66)	Aaa / AA+ AA+	1.13 1.09
91282CDS7	US Treasury Note 1.125% Due 1/15/2025	100,000.00	03/16/2022 2.06%	97,437.50 98,908.15	95.13 5.35%	95,128.90 333.22	1.84% (3,779.25)	Aaa / AA+ AA+	1.21 1.17
912828ZF0	US Treasury Note 0.5% Due 3/31/2025	100,000.00	04/04/2022 2.63%	93,921.88 97,125.29	93.55 5.29%	93,550.80 43.72	1.80% (3,574.49)	Aaa / AA+ AA+	1.42 1.38
91282CEH0	US Treasury Note 2.625% Due 4/15/2025	100,000.00	04/27/2022 2.72%	99,738.28 99,871.68	96.36 5.26%	96,355.50 121.93	1.86% (3,516.18)	Aaa / AA+ AA+	1.46 1.40



CUSIP	Security Description	Par Value/Units	Purchase Date Book Yield	Cost Value Book Value	Mkt Price Mkt YTM	Market Value Accrued Int.	% of Port. Gain/Loss	Moody/S&P Fitch	Maturity Duration
US TREASURY									
91282CEQ0	US Treasury Note 2.75% Due 5/15/2025	100,000.00	06/01/2022 2.84%	99,738.28 99,863.80	96.37 5.23%	96,367.20 1,270.38	1.88% (3,496.60)	Aaa / AA+ AA+	1.54 1.46
91282CEV3	US Treasury Note 3% Due 7/15/2025	100,000.00	09/29/2022 4.28%	96,667.97 97,966.12	96.49 5.17%	96,492.20 888.59	1.87% (1,473.92)	Aaa / AA+ AA+	1.71 1.62
91282CFE6	US Treasury Note 3.125% Due 8/15/2025	100,000.00	05/31/2023 4.32%	97,503.91 97,977.73	96.58 5.14%	96,582.00 662.36	1.87% (1,395.73)	Aaa / AA+ AA+	1.79 1.70
91282CFP1	US Treasury Note 4.25% Due 10/15/2025	120,000.00	12/12/2022 4.15%	120,318.75 120,219.47	98.44 5.10%	118,125.00 236.89	2.28% (2,094.47)	Aaa / AA+ AA+	1.96 1.85
91282CGA3	US Treasury Note 4% Due 12/15/2025	120,000.00	12/15/2022 3.96%	120,150.00 120,106.16	97.90 5.05%	117,478.08 1,822.95	2.30% (2,628.08)	Aaa / AA+ AA+	2.13 1.98
91282CGE5	US Treasury Note 3.875% Due 1/15/2026	45,000.00	01/24/2023 3.89%	44,977.15 44,983.04	97.62 5.03%	43,927.74 516.49	0.86% (1,055.30)	Aaa / AA+ AA+	2.21 2.06
91282CHB0	US Treasury Note 3.625% Due 5/15/2026	140,000.00	05/23/2023 3.98%	138,610.94 138,816.68	96.86 4.96%	135,603.16 2,344.43	2.66% (3,213.52)	Aaa / AA+ AA+	2.54 2.35
91282CHU8	US Treasury Note 4.375% Due 8/15/2026	100,000.00	08/24/2023 4.69%	99,144.53 99,198.10	98.57 4.93%	98,570.30 927.31	1.92% (627.80)	Aaa / AA+ AA+	2.79 2.57
91282CHY0	US Treasury Note 4.625% Due 9/15/2026	125,000.00	09/15/2023 4.72%	124,682.62 124,695.40	99.27 4.90%	124,082.00 746.48	2.40% (613.40)	Aaa / AA+ AA+	2.88 2.64
Total US Treasury		2,925,000.00	2.00%	2,912,482.65 2,916,646.45	5.28%	2,841,488.48 13,216.22	54.96% (75,157.97)	Aaa / AA+ AA+	1.20 1.14
TOTAL PORTFOLIO									
TOTAL MARKET VALUE PLUS ACCRUED		5,292,293.25	2.55%	5,274,705.10 5,281,404.02	5.32%	5,164,876.30 28,802.19	100.00% (116,527.72)	Aaa / AA+ AA+	1.38 1.29



Brokerage Account Statement

October 1, 2023 - October 31, 2023
Account Number: GPC-016100

UPPER SAN GABRIEL VALLEY
WATER DISTRICT
248 E FOOTHILL BLVD STE 200
MONROVIA CA 91016-5523

Portfolio at a Glance

	This Period
BEGINNING ACCOUNT VALUE	\$458,790.89
Dividends, Interest and Other Income	9.66
Net Change in Portfolio¹	1,545.00
ENDING ACCOUNT VALUE	\$460,345.55
Accrued Interest	\$209.48
Account Value with Accrued Interest	\$460,555.03
Estimated Annual Income	\$65.66
¹ Net Change in Portfolio is the difference between the ending account value and beginning account value after activity.	

Your Registered Representative:
KRISTAIN MILLS
(714) 619-3000

Your Account Information

TAX LOT DEFAULT DISPOSITION METHOD

Default Method for Mutual Funds: First In First Out
Default Method for Stocks in a Dividend Reinvestment Plan: First In First Out
Default Method for all Other Securities: First In First Out

BOND AMORTIZATION ELECTIONS

Amortize premium on taxable bonds based on Constant Yield Method: Yes
Accrual market discount method for all other bond types: Constant Yield Method
Include market discount in income annually: No

ELECTRONIC DELIVERY

Congratulations! All your documents are enrolled for electronic delivery.
Please log in to your account or contact your Registered Representative to make any changes to your electronic delivery preferences.

E-mail notifications are delivered to the following e-mail address(es):
evelyn@usgvmwd.org
**evelyn@usgvmwd.org is on file for these documents*

Portfolio Holdings

Description	Quantity	Opening Balance	Closing Balance	Accrued Income	Income This Year	30-Day Yield
CASH, MONEY FUNDS AND BANK DEPOSITS 1.00% of Portfolio						
Money Market						
GOLDMAN SACHS FSQ GOVT CMS	2,570.5500	2,560.89	2,570.55	0.00	65.66	4.44%
Total Money Market		\$2,560.89	\$2,570.55	\$0.00	\$65.66	
TOTAL CASH, MONEY FUNDS AND BANK DEPOSITS		\$2,560.89	\$2,570.55	\$0.00	\$65.66	

Description	Quantity	Market Price	Market Value	Accrued Interest	Estimated Annual Income
FIXED INCOME 99.00% of Portfolio (In Maturity Date Sequence)					
U.S. Treasury Securities					
UNITED STS TREAS NTS 0.250% 08/31/25 B/E DTD 08/31/20 1ST CPN DTE 02/28/21 CPN PMT SEMI ANNUAL ON FEB 28 AND AUG 31 Moody Rating Aaa Security Identifier: 91282CAU0	500,000.0000	91.5550	457,775.00	209.48	
Total U.S. Treasury Securities	500,000.0000		\$457,775.00	\$209.48	
TOTAL FIXED INCOME	500,000.0000		\$457,775.00	\$209.48	
Total Portfolio Holdings			Market Value \$460,345.55	Accrued Interest \$209.48	Estimated Annual Income \$65.66

Portfolio Holdings Disclosures

Pricing

This section includes the net market value of the securities in your account on a settlement date basis, including short positions, at the close of the statement period. The market prices, unless otherwise noted, have been obtained from independent vendor services, which we believe to be reliable. In some cases the pricing vendor may provide prices quoted by a single broker or market maker. Market prices do not constitute a bid or an offer, and may differ from the actual sale price. Securities for which a price is not available are marked "N/A" and are omitted from the Total.

THE AS OF PRICE DATE ONLY APPEARS WHEN THE PRICE DATE DOES NOT EQUAL THE STATEMENT DATE.

Estimated Annual Figures

The estimated annual income (EAI) and estimated annual yield (EAY) figures are estimates and for informational purposes only. These figures are not considered to be a forecast or guarantee of future results. These figures are computed using information from providers believed to be reliable; however, no assurance can be made as to the accuracy. Since interest and dividend rates are subject to change at any time, and may be affected by current and future economic, political, and business conditions, they should not be relied on for making investment, trading, or tax decisions. These figures assume that the position quantities, interest and dividend rates, and prices remain constant. A capital gain or return of principal may be included in the figures for certain securities, thereby overstating them. Refer to www.pershing.com/disclosures for specific details as to formulas used to calculate the figures. Accrued interest represents interest earned but not yet received.

Reinvestment

The dollar amount of Mutual Fund distributions, Money Market Fund dividend income, Bank Deposit interest income, or dividends for other securities shown on your statement may have been reinvested. You will not receive confirmation of these reinvestments. Upon written request to your financial institution, information pertaining to these transactions,



October 1, 2023 - October 31, 2023
UPPER SAN GABRIEL VALLEY

Portfolio Holdings Disclosures (continued)

Reinvestment (continued)

including the time of execution and the name of the person from whom your security was purchased, may be obtained. In dividend reinvestment transactions, Pershing acts as your agent and receives payment for order flow.

Option Disclosure

Information with respect to commissions and other charges incurred in connection with the execution of option transactions has been included in confirmations previously furnished to you. A summary of this information is available to you promptly upon your written request directed to your introducing firm. In order to assist your introducing firm in maintaining current background and financial information concerning your option accounts, please promptly advise them in writing of any material change in your investment objectives or financial situation. Expiring options which are valuable are exercised automatically pursuant to the exercise by exception procedure of the Options Clearing Corporation. Additional information regarding this procedure is available upon written request to your introducing firm.

Foreign Currency Transactions

Pershing will execute foreign currency transactions as principal for your account. Pershing may automatically convert foreign currency to or from U.S. dollars for dividends and similar corporate action transactions unless you instruct your financial organization otherwise. Pershing's currency conversion rate will not exceed the highest interbank conversion rate identified from customary banking sources on the conversion date or the prior business day, increased by up to 1%, unless a particular rate is required by applicable law. Your financial organization may also increase the currency conversion rate. This conversion rate may differ from rates in effect on the date you executed a transaction, incurred a charge, or received a credit. Transactions converted by agents (such as depositories) will be billed at the rates such agents use.

Proxy Vote

Securities not fully paid for in your margin account may be lent by Pershing to itself or others in accordance with the terms outlined in the Margin Agreement. The right to vote your shares held on margin may be reduced by the amount of shares on loan. The Proxy Voting Instruction Form sent to you may reflect a smaller number of shares entitled to vote than the number of shares in your margin account.

Income and Expense Summary

	Current Period		Year-to-Date	
	Taxable	Non Taxable	Taxable	Non Taxable
Dividend Income				
Money Market-Non-Qualified	9.66	0.00	65.66	0.00
Interest Income				
Bond Interest	0.00	0.00	1,250.00	0.00
Total Income	\$9.66	\$0.00	\$1,315.66	\$0.00

Activity Summary (All amounts shown are in base currency)

	Credits This Period	Debits This Period	Net This Period	Credits Year-to-Date	Debits Year-to-Date	Net Year-to-Date
Dividends and Interest	\$9.66	\$0.00	\$9.66	\$1,315.66	\$0.00	\$1,315.66
Fees	\$0.00	\$0.00	\$0.00	\$0.00	-\$3.00	-\$3.00
Totals	\$9.66	\$0.00	\$9.66	\$1,315.66	-\$3.00	\$1,312.66

Transactions in Date Sequence

Process/ Settlement Date	Activity Type	Description	Quantity	Price	Accrued Interest	Amount	Currency
10/31/23	MONEY MARKET FUND INCOME RECEIVED Non-Qualified PER382220	GOLDMAN SACHS FSQ				9.66	USD

Total Value of Transactions

The price and quantity displayed may have been rounded.

Money Market Fund Detail

Date	Activity Type	Description	Amount	Balance
Sweep Money Market Fund				
GOLDMAN SACHS FSQ GOVT CMS				
Current Yield: 4.45% Activity Ending: 10/31/23				
09/30/23	Opening Balance		2,560.89	2,560.89
10/31/23	Deposit	INCOME REINVEST	9.66	2,570.55
10/31/23	Closing Balance			\$2,570.55
Total All Money Market Funds				\$2,570.55

Messages

Although a money market mutual fund (money fund) seeks to preserve the value of your investment at \$1 per share, it is possible to lose money by investing in a money fund. Shares of a money fund or the balance of a bank deposit product held in your brokerage account may be liquidated upon request with the proceeds credited to your brokerage account. Please see the money fund's prospectus or the bank deposit product's disclosure document or contact your advisor for additional information. Pursuant to SEC Rule 10b-10(b) (1) confirmations are not sent for purchases into money funds processed on the sweep platform. Pursuant to applicable regulation, account statements will be produced monthly or quarterly. Balances in Federal Deposit Insurance Corporation (FDIC)-insured bank deposit sweep products are not protected by Securities Investor Protection Corporation (SIPC).

eDelivery

Eliminate paper and save natural resources with digital adoption. Electronic delivery (eDelivery) is faster, convenient and more secure. We offer eDelivery for account statements,

Upper San Gabriel Valley Municipal Water District
Summary of Director Outreach Expenses
For the period ended October 31, 2023

Director	Jul-23	Aug-23	Sep-23	Oct-23	YTD Actual	Balance Remaining
Director Chavez	\$ -	-	-	1,250.00	\$ 1,250.00	\$ 3,750.00
Director Fellow	162.50	37.55	1,000.00	500.00	1,700.05	3,299.95
Director Treviño	600.00	-	550.00	448.00	1,598.00	3,402.00
Director Santana	312.50	135.00	500.00	-	947.50	4,052.50
Director Garcia	-	750.00	550.00	-	1,300.00	3,700.00
Total	\$ 1,075.00	922.55	2,600.00	2,198.00	\$ 6,795.55	\$ 18,204.45

Upper San Gabriel Valley Municipal Water District
Director Public Outreach Program Expenses
For the period ended October 31, 2023

Director Chavez

<u>Paid Date</u>	<u>Description</u>	<u>Amount</u>	<u>Check #</u>	<u>Recipient</u>
10/25/23	Epiphany 3rd Annual Oktoberfest Car & Bike Show	1,250.00	23640	Epiphany Catholic School
		Total	<u>1,250.00</u>	
Outreach Fund Balance			<u>3,750.00</u>	

Upper San Gabriel Valley Municipal Water District
Director Public Outreach Program Expenses
For the period ended October 31, 2023

Director Fellow

Paid Date	Description	Amount	Check #	Recipient
07/12/23	Membership Dues: 07/01/23 - 07/01/24	162.50	23555	El Monte/S. El Monte Chamber of Commerce
08/01/23	Meeting	37.55	22118	Monrovia Foundation of the Arts
09/20/23	Art in the Park Sponsorship	1,000.00	23617	Monrovia Association of Fine Arts
10/25/23	OAKtober 2023 Sponsorship	500.00	23641	Grow Monrovia

Total 1,700.05

Outreach Fund Balance 3,299.95

Upper San Gabriel Valley Municipal Water District
Director Public Outreach Program Expenses
For the period ended October 31, 2023

Director Treviño

Paid Date	Description	Amount	Check #	Recipient
07/19/23	2023 Parti-Gras Tickets	600.00	23562	South Pasadena Education Foundation
09/20/23	34th Annual Awards Dinner	550.00	23619	Asian Youth Center
10/11/23	2023 Tiger Run Sponsorship	300.00	23633	South Pasadena High School Tiger Booster
10/25/23	Installation Award Gala & Milestone Recognition	148.00	23644	Rosemead Chamber of Commerce

Total	<u>1,598.00</u>
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Outreach Fund Balance	<u>3,402.00</u>
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Upper San Gabriel Valley Municipal Water District
Director Public Outreach Program Expenses
For the period ended October 31, 2023

Director Santana

Paid Date	Description	Amount	Check #	Recipient
07/12/23	2023 Summer Concert Series	150.00	23554	City of Duarte
07/12/23	Membership Dues: 07/01/23 - 07/01/24	162.50	23555	El Monte/S. El Monte Chamber of Commerce
08/04/23	Membership Dues: 07/01/23 - 06/30/24	50.00	23571	Baldwin Park Business Association
08/04/23	66th Annual Community Picnic	85.00	23572	City of Duarte
09/26/23	Día De Los Muertos 2023	500.00	23620	Downtown El Monte Business Association

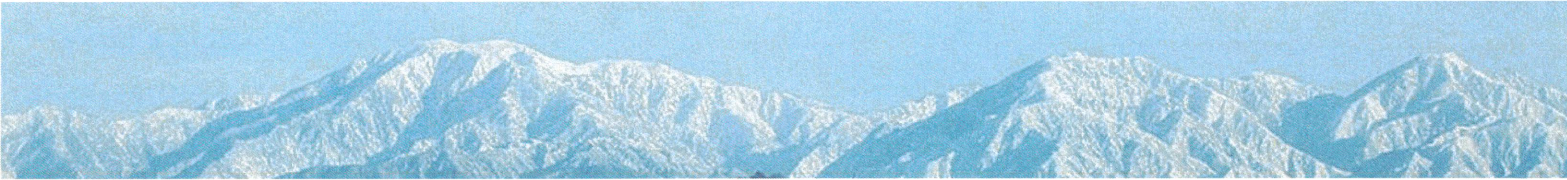
Total 947.50

Outreach Fund Balance 4,052.50

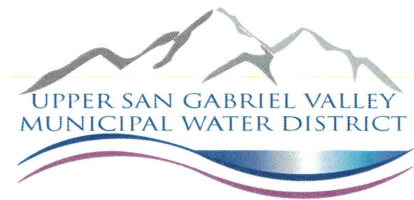
Upper San Gabriel Valley Municipal Water District
Director Public Outreach Program Expenses
For the period ended October 31, 2023

Director Garcia

Paid Date	Description	Amount	Check #	Recipient
08/08/23	9th Annual Oak Tree Challenge 5K/1 Mile Run/Walk	250.00	23596	Charter Oak Education Foundation
08/08/23	Vault Boys Baseball Team Season	500.00	23598	Vault Performance Baseball
09/13/23	Festival of Freights	50.00	23610	West Covina Community
09/20/23	Basketball Calendar 2023-2024	500.00	23614	Charter Oak Boys Basketball
Total		<u>1,300.00</u>		
Outreach Fund Balance		<u>3,700.00</u>		



MEMORANDUM



7. (a) ACTION

DATE: November 30, 2023
TO: Board of Directors
FROM: General Manager
SUBJECT: Purchase of Untreated Water for Cyclic Storage

Recommendation

Staff recommends that the Board of Directors authorize the General Manager to purchase up to 10,000 acre feet of untreated water for Upper District's cyclic storage account.

Background

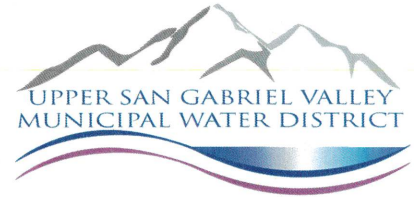
Between 2017 and 2019, Metropolitan delivered 160,068 acre feet of water to its cyclic storage account. Between 2019 and 2022, Upper District and the producers purchased a total of 120,526 acre feet from Metropolitan's cyclic storage account while Three Valleys Municipal Water District purchased 15,437 acre feet leaving a balance of 24,105 acre feet in Metropolitan's cyclic account available for purchase by Upper District and the producers. Estimated deliveries to Metropolitan's cyclic account during 2023, excluding reverse cyclic deliveries, total 35,000 acre feet. This means that by the end of this calendar year, 59,105 acre feet of water would be available for purchase by Upper District, Watermaster on behalf of the producers and Three Valleys. Watermaster's year end purchase will be 48,930 acre feet leaving a balance of 10,175 acre feet.

As of November 30, 2023, Upper District has sufficient reserve funds to purchase up to 10,000 acre feet of untreated water for cyclic storage. Upper District's cyclic storage account currently has a balance of 4,822 acre feet. Metropolitan's rate for untreated water will increase by 5.60% effective January 2024. Average rate increases from 2025 to 2032, based on Metropolitan's most recent ten-year forecast, range from 5% to 7% per year providing good investment returns on water pre-purchases.

In addition to the financial considerations, maintaining capacity for storage in the MWD cyclic account provides Metropolitan incentive for future deliveries when the State Water Project Allocation is sufficient.



MEMORANDUM



Item 7. (b)

DATE: December 6, 2023
TO: Board of Directors
FROM: General Manager
SUBJECT: Upper District's FY 23-24 Water Education Grant Program

Recommendation

Option 1

Staff recommends the funding of 22 grant applications for water education programs per Upper District's FY 23-24 Water Education Grant Program for a total amount of \$19,648.17.

Option 2

Staff recommends the funding of 21 grant applications for water education programs per Upper District's FY 23-24 Water Education Grant Program for a total amount of \$18,648.17.

Background

Notification of the open application period for Upper District's Water Education Grant Program (WEGP) was emailed in September 2023 to the principals of all eligible schools in Upper District's service area. The application was also made available on Upper District's website, social media accounts, and announced to the water producers via email. The deadline for the first round of completed applications was November 9, 2023.

Discussion

For the fiscal year 2023-24, the Board of Directors approved a budget allocation of \$20,000 for the Water Education Grant Program. A total of 22 WEGP applications were received for a combined amount of \$20,648.17 in requested grant funds. The success of staff outreach to schools directly contributed to the significant number of applications. Staff has reviewed and evaluated all applications considering the criteria and educational goals of the program as well as grant application guidelines. The review criteria for the applications included consideration of the following elements:

- Does the project offer a better understanding of water and the important role it plays?
- Does the project actively engage students in the learning process and enhance the classroom experience?
- Are components of the project inter-disciplinary?
- Does the budget cover the activities proposed?
- Are the student activities, goals, and objectives clearly defined?

The attached table lists each application with a project summary and recommendation. A total of 21 grant applications totaling \$19,648.17 meet the criteria listed above. One grant submission was rejected for this program as the project did not have a tie to water education, awareness, or efficiency. The applicant was informed of the issue and stated they would adjust their application for the next funding cycle. Application number 15 requires

Board discussion and direction. The application was submitted by Jim Hague of Azusa High School. He is working with the San Gabriel Valley ROP program to create a documentary film about the journey of water from the ground to the tap. Mr. Hague was a microbiologist at the Orange County Water District (OCWD) and was responsible for analyzing the purity and safety of water for consumption during his time at OCWD. He and his students planned a very detailed film project to run through leaks, the importance of water, water preservation, and address the misconception that water from the tap is unsafe. The project is very applicable and ties into the Water Education Grant specifications perfectly. Unfortunately, the project lead will be Azusa High School which does not fall within the Upper District service area. However, the San Gabriel Valley ROP facility is within the Upper District Service area and would be a partner to this project. Staff requests board feedback and direction on whether the Board would like to include this project in the approval of grants for FY 23-24.

The current budget allocation for educational materials/grant programs is \$55,000. The WEGP accounts for \$20,000 with the remaining allocated to educational videos and agency marketing materials totaling \$25,000. The applications submitted for approval are within the budget allocation for this fiscal year.

//Attachment

Upper District Water Education Grant Applications Received for FY 2023-24

ID	Project Title	Applicant Name	School	City	Email	Div.	Grade Levels	Total Students	Total Project Cost	Amount Requested	Summary	Approve? (Yes/No)
1	How do we clean water?	Rachael Wong	Manerigo School	South Pasadena	rwong@spusd.net	2	5	125	\$ 1,200.00	\$ 1,000.00	Field trip to the San Jose Creek Water Reclamation Center in Whittier. Cost covers buses.	
2	Faucet Water Saver	Manny Parris	West Covina High School	West Covina	mparris@wcusd.org	4	10-12	21	\$ 1,016.94	\$ 1,000.00	Using a 3D printer to create faucet attachment to fix faucets with no extenders. Attachies to any faucet and direct where water is needed to reduce water usage by installing an efficient nozzle.	
3	A Water Wise Pollinator's Paradise	Rebecca Peters	Coronado High School	West Covina	rpeters@wcusd.org	4	9-12	130	\$ 976.50	\$ 976.50	The focus of this grant is to continue the real world garden experiences with our high school students. We have four programs on our school site that will directly be involved with the garden. They are: 1) Environmental Science/Biology classes, 2) Adult Transition Program (ATP), 3) Independent Study Program (IS), and 4) Social Emotional and Academic Support Program (SEAS). It is my firm belief that sharing the garden space with our young people that includes the following elements is tantamount to a most beneficial and memorable real world experience. A pollinator's paradise will... beautify the experience, add fragrance, texture, color, provide food and shelter to a host of pollinator species: hummingbirds, bees, butterflies, and moths, to name a few. I shall be selecting California Natives that thrive in our local plant zone, 10B, thereby being adapted to our seasonal cycles of hot, dry summers, and cool, moderately wet winters. Our well designed garden will be planted with mature-sized specimens in mind, thereby reducing maintenance and increasing curb appeal.	
4	Hydroponics: Conserving Water to Feed our Community	Mariah Heller	California Elementary School	West Covina	mheller@wcusd.org	4	4-5	35	\$ 1,000.00	\$ 1,000.00	Students will use a hydroponic system to grow seedlings in class to take home and enjoy. In small groups, each team will be responsible for their own mini-garden. With this teamwork, they'll decide what vegetables and fruits to plant to create their own healthy snack. They'll learn about gardening, all while watching the process of seed to harvest. More importantly, they'll learn how easy it is to maintain a small, healthy garden, conserve water in our dry region, and enjoy their own foods. Throughout the process, they'll keep logs and measure their plants' growth. They'll research which plants grow well together and when the best time to plant/harvest is.	
5	Water Wise Recreative Garden	Tunisia Fountain	Coronado High School	West Covina	tfountain@wcusd.org	4	9-12	130	\$ 1,041.44	\$ 1,000.00	The focus of this grant is to continue the real world garden experiences with our high school students. We have four programs on our school site that will directly be involved with the garden. They are: 1) Environmental Science/Biology classes, 2) Adult Transition Program (ATP), 3) Independent Study Program (IS), and 4) Social Emotional and Academic Support Program (SEAS). It is my firm belief that sharing the garden space with our young people that includes the following elements is tantamount to a most beneficial and memorable real world experience. A pollinator's paradise will... beautify the experience, add fragrance, texture, color, provide food and shelter to a host of pollinator species: hummingbirds, bees, butterflies, and moths, to name a few. I shall be selecting California Natives that thrive in our local plant zone, 10B, thereby being adapted to our seasonal cycles of hot, dry summers, and cool, moderately wet winters. Our well designed garden will be planted with mature-sized specimens in mind, thereby reducing maintenance and increasing curb appeal.	
6	Dinosaurs Drank this Water?	Carol Desy	St. Luke Catholic School	Temple City	ycstlukes@templecity.org	1	TK/K	15	\$ 886.00	\$ 886.00	The students will complete a hands on project by building a 3D model of the water cycle. The students will also construct a water wheel with retaining walls in order to see how we can store our water and move it along to the many crops and animals that need water.	

Upper District Water Education Grant Applications Received for FY 2023-24

ID	Project Title	Applicant Name	School	City	Email	Div.	Grade Levels	Total Students	Total Project Cost	Amount Requested	Summary	Approve? (Yes/No)
7	Water Cycle - Make it Rain	Carol Desy	St. Luke Catholic School	Temple City	yps@luketemplecity.org	1	1	6	\$995.00	\$995.00	Make it rain in the classroom will aid students understanding of the water cycle and enhance awareness of the various states of water. Teaching basic ecology to students is an important first step in encouraging them to become stewards of the environment. Every human, plant, an animal depend on water for survival which is why it is so very important the students have a basic understanding of this difficult to teach concept.	
8	Clean Water Science	Carol Desy	St. Luke Catholic School	Temple City	yps@luketemplecity.org	1	2	5	\$ 542.00	\$ 542.00	The students will learn and understand how to filter clean water to be able to use the clean water. They will learn this by creating a mini water filtration system. Students will build their own water filtration with a decalcination plant. They will also learn how to distinet water with solar power. Through the use of this investigation students will be able to understand the importance of having clean water.	
9	The Importance of Every Drop	Carol Desy	St. Luke Catholic School	Temple City	yps@luketemplecity.org	1	3	8	\$ 688.50	\$ 688.50	This activity will really help the students learn and remember for the rest of their lives. They will learn the importance of saving water. The books included in the activity can be used through the year and with other classes. The kit for conservation of water uses materials such as breakers, cups, food coloring (sato), craft sticks and water to exemplify how we get our water and how we can save each drop carefully.	
10	Energy Creation with Hydropower	Carol Desy	St. Luke Catholic School	Temple City	yps@luketemplecity.org	1	4	10	\$ 637.00	\$ 637.00	Students in the fourth grade class have been reading about power or electricity that is created by water. This hydropower science kit will enhance the students understanding of how energy is created. The class will build the hydropower kit using the following materials. A large watermill, plastic harness, various pulley systems and the experiment booklet.	
11	Weather Stations & Water Conservation	Carol Desy	St. Luke Catholic School	Temple City	yps@luketemplecity.org	1	5	10	\$ 857.00	\$ 857.00	By using a space weather station the students will learn basic meteorological concepts and principles of plant growth. These elements will combine to spark their interest in Botany. The Conservation kits will support Next Generation Science Standards for the 5th grade by using mathematics and computational thinking to find out how much fresh water there is on Earth. They will research how communities use science to protect Earth's resources.	
12	Best Types of Grass	Carol Desy	St. Luke Catholic School	Temple City	yps@luketemplecity.org	1	6	9	\$ 721.00	\$ 721.00	Students will use 5 watering trays that are equipped with a drain and 5 different types of grass. The students will place the grass samples on the watering trays. Then they are to water each sample with the same amount of water. The students are to catch and measure the amount of water that flows out of the drain. Each sample will have the same appropriate amount of soil and will receive the same amount of water.	
13	Climate Science	Carol Desy	St. Luke Catholic School	Temple City	yps@luketemplecity.org	1	7	14	\$ 700.00	\$ 700.00	Students will observe climate change by building an Earth-like dome with wind turbines. They will grow radishes and conduct experiments to create rainfall. Students will apply scientific principles to the real world and learn about greenhouse gases, emissions, burning fossil fuels, rising sea levels and weather vs. climate.	
14	Evaporation	Carol Desy	St. Luke Catholic School	Temple City	yps@luketemplecity.org	1	8	14	\$ 727.00	\$ 727.00	In each group, the students will decide on several items that can float. They will fill the bins with water and then completely cover the top of the water in each of the bins with the chosen items. The students will leave one bin with water only, this is the control group. On a regular basis, the students will measure the level of the water in the bins and record the measurements and compare the measurement to the control.	

Upper District Water Education Grant Applications Received for FY 2023-24

ID	Project Title	Applicant Name	School	City	Email	Div.	Grade Levels	Total Students	Total Project Cost	Amount Requested	Summary	Approve? (Yes/No)
15	A Water's Journey: From Ground to Tap	Jin Hague	Azusa High School	Azusa	jhague@azusa.org	0	11-12	5	\$ 1,100.00	\$ 980.00	Water's Journey will be a documentary film about the journey of water from the ground to our taps or water dispenser valves. Why this documentary? This brings me back 30 years ago when I worked as a microbiologist at the Orange County Water District where I was responsible for analyzing the purity and safety of water for consumer use. The film will involve a host who witnesses the misuse or lack of care on water dispensers such as leaky faucets, or running fire hydrants. As the host conducts her research, she appreciates tap water and takes steps to educate others on the importance of water preservation as well as addressing the misconception that water from tap is a germ filled danger to our health	
16	Solar Powered Desalination Device	Cuong Lam	Monrovia High School	Monrovia	cllam@monroviashools.net	1	10-12	37 (111)	\$ 1,059.16	\$ 1,000.00	In this project, physics students will collaborate with environmental science students in groups of 4 to create 18 desalination devices to turn seawater into potable water. The solar-powered design includes a large jug laid on the side for a higher surface area to hold saltwater. The top side of the jug will be cut with a utility knife and sealed with plastic cling wrap, then a quarter is inserted as a weight to dip a low point in the center for a collector made from the top of a small water bottle with a flexible straw inserted into a hole in the cap. The other end of the straw passes the side of the jug then arrives at a plastic cap where condensation collects. There is alternative design using aluminum foil as reflector to cover the back side and bottom of the jug, as well as some variations that students may exercise creativity to improve design. Rate of evaporation and salinity are tested.	
17	Visiting Demonstration Gardens for a Watervise High School Garden	Irvin Thomas	Coronado High School	West Covina	irthomas@wcusd.org	4	9-12	130	\$ 1,000.00	\$ 1,000.00	The focus of this grant is to continue the real world garden experiences with our high school students. We have four programs on our school site that will directly be involved with the garden. They are: 1) Environmental Science/Biology classes, 2) Adult Transition Program (ATP), 3) Independent Study Program (IS), and 4) Social Emotional and Academic Support Program (SEAS). It is our hope that by our high school students making connections to real world experiences, such as visiting demonstration gardens of California native species, being drought tolerant and waterwise, it will help them make educated decisions as to their own garden designs and selection of native plant species.	
18	Sierra Vista HS Water Marketing Program	Emily Chen	Sierra Vista High School	Baldwin Park	echen372@bused.net	5	9	40	\$ 1,000.00	\$ 1,000.00	I teach English to high school students with mild disabilities. In order to meet the requirements of this grant, the students will be successfully complete a two page research paper based on the water irrigation/conservation lesson presented to them at the ARC Learning Center operated by the WRD in Pico Rivera. The underserved students will also be required to design a visual project that includes water conservation tip posters that will be proudly posted over the 5 water dispensaries on the school campus at Sierra Vista High School. These posters will be printed and laminated by a printing company.	
19	Mental Wellness	Oscar Escobedo	Sanchez Elementary	Rosemead	oescobedo@qesd.us	2	TK-6	30	\$ 916.00	\$ 1,000.00	Our School District has adopted "The Second Step" program that teaches students Social Emotional Learning through curriculum, songs, and activities. The Second Step program has been a good asset towards our students' mental health and well being, but creating a space or corner in our counseling office would allow students to practice those social-emotional and self-regulating skills in a peaceful setting. With the help of this grant, I would be able to target the Wellness of students by teaching self-regulation skills and social-emotional skills individually or in small groups. I would use the mini grant money to purchase sensory items, social emotional books, and flexible seating to help students practice self-regulation skills. This grant would greatly enhance the Wellness Program by providing students a safe and calm space to practice their self-regulation and social-emotional skills that they are learning through Second Step. Helping students learn how to self-regulate would allow students to feel good and set them up for success in and out of their classrooms.	


Upper District Water Education Grant Applications Received for FY 2023-24

ID	Project Title	Applicant Name	School	City	Email	Div.	Grade Levels	Total Students	Total Project Cost	Amount Requested	Summary	Approve? (Yes/No)
20	The Importance of Pollinators for Biodiversity	Jamila Paulatazi	Bassett High School	La Puente	jpaulatazi@bassettusd.org	3	9-12	400+	\$ 1,000.00	\$ 1,000.00	Pollinators (bees, butterflies, hummingbirds etc) play a critical role in pollinating nearly 80% of plant species, especially the food that we eat. The past few years have been devastating to our ecosystem as the numbers of bees and butterflies have plummeted. Monarch butterfly numbers have dropped from billions to only a few million. Bees have suffered a horrible rate as their numbers have declined 40% due to climate change, habitat loss, pesticides, and environmental contaminants. Healthy pollinator populations lead to increased biodiversity as robust plant communities lead to healthy soils and clean waters. (The Value of Birds and Bees, Farmers.gov). Our teachers would like to explore the importance of pollinators in hands on activities and lessons. Planting particular flowers and plants to attract pollinators will be explored and using the Seek App would allow students to track and recognize all the pollinators we attract. The Learning Garden established can be built more to focus on pollinator pots and species that are attractive to pollinators. We would also like to attend a field trip to visit a pollinator garden with a tour. Bus for field trip, tickets if applicable. (availability of Huntington Garden, Crystal Cove, Getty Gottlieb Garden).	
20	The Importance of Pollinators for Biodiversity	William Baca	Bassett High School	La Puente	wbaca@bassettusd.org	3	9-12	400+	\$ 1,000.00	\$ 1,000.00	Pollinators (bees, butterflies, hummingbirds etc) play a critical role in pollinating nearly 80% of plant species, especially the food that we eat. The past few years have been devastating to our ecosystem as the numbers of bees and butterflies have plummeted. Monarch butterfly numbers have dropped from billions to only a few million. Bees have suffered a horrible rate as their numbers have declined 40% due to climate change, habitat loss, pesticides, and environmental contaminants. Healthy pollinator populations lead to increased biodiversity as robust plant communities lead to healthy soils and clean waters. (The Value of Birds and Bees, Farmers.gov). Our teachers would like to explore the importance of pollinators in hands on activities and lessons. Planting particular flowers and plants to attract pollinators will be explored and using the Seek App would allow students to track and recognize all the pollinators we attract. The Learning Garden established can be built more to focus on pollinator pots and species that are attractive to pollinators. We would also like to attend a field trip to visit a pollinator garden with a tour. Bus for field trip, tickets if applicable. (availability of Huntington Garden, Crystal Cove, Getty Gottlieb Garden).	
20	The Importance of Pollinators for Biodiversity	Ryan Lum	Bassett High School	La Puente	rlum@bassettusd.org	3	9-12	400+	\$ 1,000.00	\$ 1,000.00	Pollinators (bees, butterflies, hummingbirds etc) play a critical role in pollinating nearly 80% of plant species, especially the food that we eat. The past few years have been devastating to our ecosystem as the numbers of bees and butterflies have plummeted. Monarch butterfly numbers have dropped from billions to only a few million. Bees have suffered a horrible rate as their numbers have declined 40% due to climate change, habitat loss, pesticides, and environmental contaminants. Healthy pollinator populations lead to increased biodiversity as robust plant communities lead to healthy soils and clean waters. (The Value of Birds and Bees, Farmers.gov). Our teachers would like to explore the importance of pollinators in hands on activities and lessons. Planting particular flowers and plants to attract pollinators will be explored and using the Seek App would allow students to track and recognize all the pollinators we attract. The Learning Garden established can be built more to focus on pollinator pots and species that are attractive to pollinators. We would also like to attend a field trip to visit a pollinator garden with a tour. Bus for field trip, tickets if applicable. (availability of Huntington Garden, Crystal Cove, Getty Gottlieb Garden).	

Upper District Water Education Grant Applications Received for FY 2023-24

ID	Project Title	Applicant Name	School	City	Email	Div.	Grade Levels	Total Students	Total Project Cost	Amount Requested	Summary	Approve? (Yes/No)
21	Refreshing School Water	Michael Naka	Garvey Intermediate School	Rosemead	mnaka@resd.us	2	7-8	30	\$ 550.00	\$ 600.00	Students wrote the report. The refilling water stations at school always seem to be tasting odd, as if they're contaminated. The majority of students give bad ratings for them. We believe this could be caused because of the chemicals being transported to the water. We came up with this theory as Garvey Intermediate opened in 1980. During that time, pipes were constructed using lead or copper. Water entering these pipes cause these harmful metals to leak into them. This leads to the unpleasant taste coming along with the water. With \$1,000 we can get a clean water tester that we can test the water from the fountains to see how clean it is. Then we can get some water from another source and put it through one of our filters and then test it and taste it to see if it got rid of the taste and the harmful chemicals.	
22	Water Vapor Nets	Michael Naka	Garvey Intermediate School	Rosemead	mnaka@resd.us	2	7	5	\$ 338.17	\$ 338.17	Students wrote the report. In California, we use 40% of our freshwater for agriculture. With these statistics, we evidently need more accessible and conventional ways to collect more water. Our idea is to collect the moisture of the air by creating a device with a square-shaped Raschle-mesh-style polypropylene mesh held side-by-side straight up with two 4in diameter PVC pipes. At the ends of both 4in PVC pipes, there would be another PVC pipe with a slit in the middle to store the water. One of the PVC pipes would have a faucet on one side to access the water. The device will be help up by rectangular foundation. Our goal is to discover how much water can be collected from the air and accumulated overnight in our valley in South California, where there isn't mass amounts of fog.	
								772	\$20,951.71	\$ 19,648.17		

VOICE OF SAN DIEGO: Big Year of Rain Means Big Budget Hole at Metropolitan

 mavensnotebook.com/2023/11/21/voice-of-san-diego-big-year-of-rain-means-big-budget-hole-at-metropolitan/

Voice of San Diego News and Features November 21, 2023 0 156

November 21, 2023

Water sales are down so much that the agency is talking about changing how it charges for water in the future.

By Mackenzie Elmer, Voice of San Diego. This story was first published by Voice of San Diego. Sign up for VOSD's newsletters [here](#).

California's biggest water supplier is hurting for cash this year as the recent record-breaking rainy winter means its customers need to buy less water.

The Metropolitan Water District of Southern California is facing a more than \$300 million budget shortfall – about a quarter of its normal revenue from selling water. The agency, which provides drinking water for 19 million people including San Diego, is drawing money out of its cash reserves and taking out a \$100 million loan to make up the shortfall.

But long term, its leaders are talking about changing the way they charge for water, realizing that decades of conservation policies in California and diversification of water supplies with desalination and wastewater recycling means water sales will continue to drop. Except, selling water is the main way Met, and other water agencies like the San Diego County Water Authority, make money.

"Water goes up, revenues are down. It's critical to remind ourselves that this is the relationship and how we manage our funds," said Katano Kasaine, assistant general manager at Metropolitan.

Met sold about 1.66 million acre-feet of water in 2022 when water demands were high and the drought worsening. (An acre foot of water serves about two California households for indoor and outdoor water use in one year.) Metropolitan sold about 1.42 million acre-feet in 2023, and projects it will sell about 1.19 million acre-feet in 2024.

On the positive side, because of all the rain and snow over the wintertime, Met stored a ton of water in its various reservoirs for drier times. It'll have 3.4 million acre-feet of water in storage in 2023 compared to 2.2 million acre-feet in 2022. But so much water stored also means so much unsold.

"Despite the fact that we have record low sales is not ideal. But we have an all-time high storage projection for the district by the end of 2023," said Adam Benson, manager of finance for Metropolitan.

Water Authority's representatives that attend Metropolitan board meetings presented the dire projections during Thursday's San Diego board meeting.

"That drop in demand is enormous. I think we should be very concerned," said Jim Madaffer, a Water Authority board member.

San Diego bought about 13 percent of its water from Metropolitan last year. It's one of San Diego's cheapest water sources and the Water Authority recently agreed to buy 50,000 acre feet off Metropolitans hands in a new three-way deal to keep more water in the Colorado River. So, San Diego has major stake

in how Metropolitan decides to charge its water customers into the future.

That's precisely what Metropolitan is pondering to do. It created a new task force to look at the business model and rate structure for its 26 customer water agencies. What that might look like remains to be seen.

"The power industry is 10 years ahead of us and learned that you can't just base your investments based on your demand," said Adel Hagekhalil, general manager of Metropolitan, during the meeting.

Like the Water Authority, the bulk of the cost of the water is not for the element itself but transporting it through aqueducts, pipes and pumps that need constant maintenance. Its water rates are 80 percent based on how much water a member agency buys with the remaining 20 percent a fixed charge to pay for things like maintenance or constructing new pipes or reservoirs. But the inverse is true for Metropolitan's expenses – about 80 percent of what it needs to spend money on is construction and maintenance versus 20 percent for the actual cost of water.

Metropolitan is planning a few expensive construction projects like Pure Water of Southern California – a wastewater to drinking water project in Los Angeles and a potential pipeline to transport water from East to West across its landscape. That would help get water to an area of western Los Angeles which experienced unprecedented drought restrictions last year because there was so little northern California water to go around.

Hagekhalil said Metropolitan may entertain selling off some of its water supplies to create revenue or putting renewable energy installations on Met property as a revenue builder.

Some of the Water Authority's water districts have been calling for restructuring how water is charged as well. The cost of water in San Diego has two components: About 72 percent of the Water Authority's revenue is tied to how much they sell, called the volumetric rate. The remaining 28 percent is a fixed cost everyone pays to transport the water here via Metropolitan.

But fixed costs make up about 85 percent of the Water Authority's expenses, according to a report from Berkeley economist Michael Hanemann. That's "a serious financial problem" for the Water Authority, Hanemann wrote.

The Water Authority is selling about 40 percent less water than it did in 2010 as Californians learned to conserve. And the Water Authority will sell even less once water districts start recycling and drinking their own wastewater. The city of San Diego expects to generate half of its water demand this way by 2035. And Oceanside and a bloc of eastern San Diego County water agencies began building their own, too.

https://www.thedesertreview.com/agriculture/metropolitan-water-district-forges-partnerships-to-secure-colorado-river-water-in-lake-mead/article_c171abf8-87d8-11ee-93cc-eb58c3de2b75.html

FEATURED

Metropolitan Water District forges partnerships to secure Colorado River water in Lake Mead

by Betty Miller
Nov 20, 2023



A view from the Lake Mead side of the Hoover Dam.

Photo by AZPM

In a pivotal move addressing California's water conservation goals and reinforcing partnerships in the face of the ongoing Colorado River drought, the Metropolitan Water District is seeking authorization for its General Manager to establish agreements with the Coachella Valley Water District, Imperial Irrigation District, and San Diego County Water Authority. These agreements aim to facilitate the addition of water to Lake Mead under the U.S. Bureau of Reclamation's Lower Colorado River Basin System Conservation and Efficiency Program for the year 2023.

The proposal comes as a response to the Colorado River Board of California's letter from October 5, 2022, outlining ambitious objectives for California agencies to conserve 400,000 acre-feet (AF) per year in Lake Mead between 2023 and 2026. It also underscores the financial benefits for both Metropolitan and the San Diego County Water Authority, exemplifying the potential advantages of collaborative multi-agency efforts aimed at bolstering the Colorado River.

The sought-after authorizations revolve around specific agreements:

1. Coachella Valley Water District (CVWD): CVWD is proposed to reduce groundwater replenishment by up to 35,000 AF/year in 2023. In return, Reclamation will fund CVWD, and the saved water will be directed to Lake Mead.

2. Imperial Irrigation District (IID): IID is slated for a temporary reduction in irrigation by up to 115,000 AF in 2023. This comprises up to 65,000 AF from existing conservation programs and an additional 50,000 AF that would have otherwise been transferred to San Diego. Under Reclamation's funding, the conserved water will remain in Lake Mead. For the 50,000 AF intended for San Diego, the latter has agreed to adjust its water allocations, increasing purchases from Metropolitan by an equivalent amount.

The Lower Colorado Conservation Program (LC Conservation Program), initiated in response to federal funding from the Bipartisan Infrastructure Law and the Inflation Reduction Act, aims to intensify conservation efforts with the Colorado River's prolonged drought. These agreements with CVWD, IID, and SDCWA form a pivotal part of this program.

The proposed partnerships yield multiple benefits:

- Fulfillment of California's outlined water conservation goals between 2023 and 2026
- Financial gains for participating districts and authorities
- Ensured delays in potential shortages and contributions to the Drought Contingency Plan
- Preservation of Hoover Dam's hydroelectric capacity

The IID would be compensated by the federal government for the loss income of not selling conserved water to San Diego. The amount per acre has not been stated as of this printing.

bmiller@thedesertreview.com

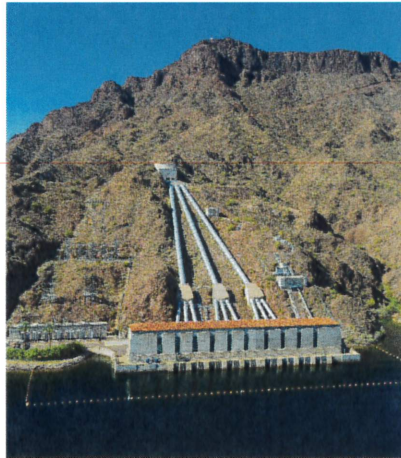
Betty Miller

Editor in Chief

Water districts gain access to new supply

LVMWD will draw from Colorado River

November 17, 2023



THIRSTY—The Whitsett Intake pump near Lake Havasu marks the beginning of the Colorado River Aqueduct. Two local water districts will soon be drawing needed supplies from the Colorado River. Courtesy Metropolitan Water District

Millions of Southern Californians who were required to dramatically reduce their water use last year will have increased access to water in the future under two projects recently announced by the Metropolitan Water District.

Metropolitan—the nation's largest water wholesaler and sole water provider to the local Las Virgenes and Calleguas municipal water districts—approved a \$9.8-million contract for the Sepulveda Feeder Pump Stations Project that will bring additional water from the Colorado River, as well as water stored at Diamond Valley Lake in Riverside County, to the two local districts.

SoCal communities, home to some 7 million people, heavily depend on water delivered through the State Water Project in Northern California. When supplies from the north were severely limited during the 2020-22 drought, residents faced mandatory water reduction by more than 35%.

During the peak of the last drought, Metropolitan reduced the Las Virgenes Municipal Water District supply allocation by 73%, a move that led to major restrictions on water use, including outdoor watering only one day per week. Calleguas customers were also forced to reduce their lawn watering and make cutbacks.

The agencies voiced concern to Metropolitan about the lack of connectivity to water sources outside the local area.

"The severity of our recent drought revealed vulnerabilities and inequities in our water supply and delivery system," Metropolitan board chair Adán Ortega Jr. said.

"While many of our communities had access to diverse supplies and stored water during the record dry conditions, about one-third of Southern California did not," Ortega said.

The new projects work separately to push water from the Colorado River and Diamond Valley Lake, Southern California's largest reservoir, into communities that currently have limited access to potable water.


"We are investing in new, valuable infrastructure that will help us avoid future shortages for everyone," Ortega said.

The initial phase of the project features the design of two new pump stations along a major Metropolitan pipeline that will allow water from the new sources to be delivered to three of the six Metropolitan member agencies that faced mandatory conservation measures in the recent drought— including Las Virgenes and Calleguas.

Full construction on the Sepulveda Feeder project is expected to begin in late 2024.

"The weather extremes we are seeing because of climate change means we need to rethink how we operate and incorporate innovative practices," Metropolitan General Manager Adel Hagekhalil said.

CAL MATTERS: As storms arrive in California, reservoirs are in good shape. But the water forecast is murky

 mavensnotebook.com/2023/11/17/cal-matters-as-storms-arrive-in-california-reservoirs-are-in-good-shape-but-the-water-forecast-is-murky/

Cal Matters News and Features November 17, 2023 0 96

November 17, 2023

Unlike a year ago, water storage is above average. Whether the year is wet or dry, though, remains uncertain despite El Niño conditions.

By Rachel Becker, Cal Matters

As forecasts tease California with rainstorms this week, the state's reservoirs are already flush with water.

It's a big departure from a year ago: The state's major reservoirs — which store water collected mostly from rivers in the northern portion of the state — are in good shape, with levels at 124% of average. In late 2022, bathtub rings of dry earth lined lakes that had collectively dipped to about two-thirds of average — until heavy winter storms in January filled many of them almost to the brim.

Yet healthy water levels don't mean California's reservoirs are full. Most of California's large reservoirs are operated for flood control as well as water storage, with space kept empty to rein in winter storm runoff.

The wet season has arrived in California, with El Niño conditions projected to continue strengthening. But for the Golden State, with its unpredictable swings from dry to wet and back again, El Niño doesn't guarantee heavy rainfall.

And as California's water managers plan for the water year ahead, they're faced, as always, with their dueling responsibilities: forestalling floods while preparing for possible scarcity in a state where water supplies are often stretched thin and long droughts are common.

When state climatologist Michael Anderson looks into California's water year ahead, he says the crystal ball is cloudy.

A murky forecast, both near and far

Threats of a major storm dissolved into showers in parts of California this week, with another surge of rainfall expected to wrap up this weekend. Rainfall is only expected to reach 1 to 2 inches statewide through Saturday morning, with light snowfall predicted in the Sierra Nevada mountains at higher elevations.

“Overall this is looking to be a beneficial rainfall event for Southern California, which is definitely welcome during the typical peak of our fire season,” the National Weather Service office for San Diego reported earlier this week.

Some headlines heralded it as the first storm of many as El Niño continues to strengthen and intensify. Characterized by warming of the central and eastern tropical Pacific Ocean, El Niño is often expected to bring wetter weather.

But in California, the connection is more tenuous. Of seven El Niño events over the past 23 years, Anderson said, two have been dry, three have been roughly average and two have been wet. One recent study reported that El Niño accounts for only about 25% of the year-to-year variability in California’s rain and snowfall during the winter.

“What that tells me is anything goes,” Anderson said. “El Niño by itself doesn’t define our water year.”

In fact, the year is actually off to a drier start: Statewide, California has seen only about 45% of average precipitation since this water year began Oct. 1.

“What that tells me is anything goes. El Niño by itself doesn’t define our water year.”

Michael Anderson, state climatologist

Marty Ralph, director of the Center for Western Weather and Water Extremes at UC San Diego, suspects that it’s atmospheric rivers like the ones that pummeled California last year that will determine whether El Niño will bring a firehose or a trickle to California.

“It’s like you’re playing poker, and you’ve got a good hand — that’s El Niño for us. But we haven’t finished the round of the game, and we still have to draw a couple cards,” Ralph said. “But we might not draw the good cards.”

Waste not, want not?

With seasonal outlooks unable to reliably say whether a winter will be wet or dry, water managers must plan for both.

Fortunately there’s some wiggle room this year, according to Jeanine Jones, the Department of Water Resources’ interstate resources manager. Last year’s massive snowpack and abundant rainfall filled the state’s reservoirs enough that even if this rainy season leans dry, she said, “We’re going into next year with a cushion, which is always good.”

That doesn’t mean the reservoirs are full, though. Lake Oroville — the largest reservoir on the State Water Project, which sends water south to farms and cities — and Lake Shasta — critical to growers and other water users reliant on the federal Central Valley Project — are at

about two-thirds of their total capacity.

That's because with reservoirs that serve the dual purpose of flood control and water storage, water managers must release water to keep space empty to wrangle possible floods during the wet season, Jones said.

The water that flows into rivers and streams and out to the ocean is often bemoaned as water wasted. But waste is in the eye of the beholder, said Jay Lund, vice-director of the Center for Watershed Sciences at UC Davis.

"Water that's 'wasted' is always water used by somebody else," Lund said.

The list of benefits for fishing, conservation, Delta farmers, water quality and healthy shorelines is lengthy. Water allowed to flow out into the San Francisco Bay, for instance, washes away salts and pollutants, transports sediment and sand necessary to maintain marshes and restore eroding beaches, assists salmon in migrations and helps maintain healthy ecosystems.

Still, the Public Policy Institute of California reports that California could have socked away more water last year, had there been better ways to ferry water from full rivers to groundwater recharge sites, and better coordination among landowners, local agencies, and others.

"I tend to think that there is room for capturing more surface water ... if you could afford the cost of capturing it," agreed Lund. "That, to me, is the biggest problem."

The controversial Sites Reservoir project, for instance, is projected to cost more than \$4.4 billion. The reservoir, planned in the western Sacramento Valley, would store as much as 1.5 million acre-feet of Sacramento River water, alarming environmental groups that say drawing more water from the river will imperil its already-struggling fish.

"I tend to think that there is room for capturing more surface water ... if you could afford the cost of capturing it. That, to me, is the biggest problem."

Jay Lund, Center for Watershed Sciences at UC Davis

In early November, Gov. Gavin Newsom cleared the project to be fast-tracked "to the extent feasible" through any litigation challenging it under the landmark California Environmental Quality Act. That move was made possible with new legislation. Even so, the project is not expected to be completed before 2030 or 2031.

In the meantime, researchers like UC San Diego's Ralph, along with local, state and federal agencies, hope to operate the state's reservoirs more nimbly by incorporating new weather forecasting tools into decades-old rulebooks governing when to hold onto water and when to release it.

The program allowed the Russian River watershed to hold onto about 7,000 to 8,000 acre-feet more water in Lake Mendocino this past year, and an additional 19,000 acre-feet more in Lake Sonoma, according to Donald Seymour, deputy director of engineering with Sonoma Water. The Department of Water Resources announced that it is expanding the effort to two major reservoirs, Lake Oroville and New Bullards Bar, as well.

Many are looking down rather than up for opportunities to store more water. The Department of Water Resources estimates that about 3.8 million acre-feet of water was captured through groundwater recharge by last summer.

The Southern California water import giant, the Metropolitan Water District, also recently announced a \$211 million groundwater bank in the Antelope Valley. The bank can store 280,000 acre-feet of water, enough to fill Castaic Lake, the largest State Water Project reservoir in Southern California. Though construction to allow withdrawals hasn't been completed yet, the bank stands ready to accept deposits.

The bank is aimed at providing a little more net for the tightrope walk that California's water managers start anew every water year.

"We always plan for it to be potentially very dry, or very wet," said Brad Coffey, Metropolitan's water resources manager. "No matter what kind of year we had this year."

Environmentalists blast Newsom again, this time for 'streamlining' Sites Reservoir in the Sacramento Valley

BY: SN&R STAFF NOVEMBER 15, 2023

By Dan Bacher

Despite strong opposition from indigenous tribes, fishing groups and conservation organizations, Governor Gavin Newsom took action in early November to fast-track the Sites Reservoir project, utilizing "new tools" from the controversial **infrastructure streamlining package** to "build more faster."

"We're cutting red tape to build more faster," proclaimed Newsom. "These are projects that will address our state's biggest challenges faster, and the Sites Reservoir is fully representative of that goal – making sure Californians have access to clean drinking water and making sure we're more resilient against future droughts."

You can read the certification here: www.gov.ca.gov/...

The Sites Reservoir Project, an off stream water storage facility being promoted by the California Department of Water Resources, would be located on the west side of the Sacramento Valley, approximately 10 miles west of Maxwell in Glenn and Colusa Counties.

On November 2, the U.S. Bureau of Reclamation and Sites Project Authority **finalized** the Environmental Impact Review, or EIR, and the Environmental Impact Statement – EIS – for the project.

The Governor's Office claims that the Sites project, if approved, will "capture water during wet seasons and store it for use during drier seasons – holding up to 1.5 million acre-feet of water, enough for 3 million households' yearly usage."

The **project** has received a total of \$46.75 million in early funding from the state. In all, Sites is eligible for \$875.4 million of Proposition 1 funding. The total project cost is estimated at \$4 billion.

However, the Sierra Club and other environmental groups blasted the certification of Sites Reservoir for judicial streamlining under Senate Bill 149, describing the project as "environmentally destructive."

"The State Water Board is currently moving forward with updates to the Bay-Delta Water Quality Control Plan that could provide increased freshwater flows to address long-standing challenges with water quality, salinity, harmful algal blooms, and support the needs of imperiled fish and wildlife," the Sierra Club said in a statement. "Instead of ensuring Sites is in compliance with the most updated regulations, the Governor has decided to fast-track this project when it is unclear at best whether water is going to be available for diversion."

SB 149 (2023) was part of the package of infrastructure streamlining legislation that the Governor jammed through the legislature earlier this year, according to opponents. **Sierra Club California joined a broad coalition of organizations in opposition to the Governor's proposal** that “made significant changes to key environmental laws that protect wildlife, facilitate public transparency, and hold agencies accountable through the judicial review process.”

“The environmentally destructive Sites Reservoir project should not be eligible for certification under the new infrastructure streamlining law,” said Erin Woolley, Senior Policy Strategist for Sierra Club California. “Building new dams and reservoirs is an idea of the past, and perpetuates the very challenges we need to address.”

Wooley went on, “California must do more to address long-standing water management challenges at the local level and ensure that all Californians have access to clean, affordable drinking water. The Legislature must take a critical eye to this proposal and ensure that the limitations built into SB 149 are meaningfully applied.”

Fish and water advocates also noted that SB 149 requires that the Governor certify a water-related project only if “greenhouse gas emissions resulting from the project will be mitigated to the extent feasible.”

Instead, they said the Sites Project will “move the state backwards on its own ambitious climate goals.”

Recent research by Tell the Dam Truth, supported by Friends of the River and Patagonia, **reveals that Sites will emit 362,000 metric tons of CO₂e annually**, mostly in the form of methane, a significantly more potent greenhouse gas than carbon dioxide. This is the equivalent to the annual emissions from over 80,000 gas-powered cars.

“Contrary to the Governor’s certification, the Sites Project Authority has not demonstrated that greenhouse gas emissions from the project will be mitigated,” Friends of the River argued in a statement. “Rather, the Sites Project Authority has undercalculated its greenhouse gas emissions and therefore any effort to mitigate its emissions will fall short.”

This how the group’s Policy Director, Keiko Mertz, explains it: “The Newsom Administration unfortunately jumped the gun by certifying the Sites Project for judicial streamlining. Sites does not pass the test as a 21st century water solution. It’s expensive, carbon intensive, and distracts from lasting and sustainable solutions for California water security.”

Gary Wockner of Tell The Dam Truth agrees. “The Sites Reservoir project will emit significant amounts of methane that will make climate change worse which will escalate the water supply chaos in California,” Wockner added. “Newsom should focus his executive power on water conservation and resiliency, not gutting regulations to further destroy California’s rivers.”

The certification by the Governor follows an official protest against the water rights application and petitions of the Sites Project Authority for the proposed Sites Reservoir filed on August 31 by Friend of the River and the California Sportfishing Protection Alliance, along with a coalition of tribes and environmental organizations. That includes the Winnemem Wintu Tribe, AquAlliance, California Water Impact Network, CalWild, Fly Fishers of Davis, Friends of the Swainson’s Hawk,

Northern California Council of Fly Fishers International, Restore the Delta, Save California Salmon and Water Climate Trust.

The protest lays out a “plethora of evidence” for the environmental harm that Sites Reservoir will cause, as well as the ways in which Sites Reservoir will not produce nearly as much water as advocates for the project hope it will: **Read the full protest [HERE](#).**

According to the protest, “Sites Reservoir’s negative environmental impact is the result of impaired timing, temperature and volume of flows in the Sacramento River and Delta, increased concentration of toxic metals, the formation of harmful algae blooms, and the **immense greenhouse gas emissions** Sites will create.”

The Governor’s action took place at a time when California salmon, steelhead and other fish populations and the San Francisco Bay-Delta ecosystem are in their worst crisis ever, according numerous surveys, studies and data points.

The San Diego Union-Tribune

Opinion: Our water is polluted with ‘forever chemicals.’ Here’s how some agencies are stepping in.

These man-made chemicals have been used in industry and consumer products for decades and today can be found in nearly half of the tap water in the U.S.

BY MIKE DIGIANNANTONIO

NOV. 15, 2023 6:08 PM PT

DiGiannantonio is an attorney with Environmental Law Group and lives in Hermosa Beach.

While tap water in California is considered safe by most standards, specific contaminants are finding their way into the drinking water supply. Take per- and polyfluoroalkyl substances (PFAS, also known as “forever chemicals”) for example, which have been shown to have [serious adverse effects](#) on human health, including cancer, thyroid disorders, ulcerative colitis, infertility. The list goes on. In fact, tap water in urban areas in Southern and Central California appears to be a hot spot for contamination by these chemicals, according to new [U.S. Geological Survey](#) research.

Pollution involving “forever chemicals” is widespread. These man-made chemicals have been used in industry and consumer products for decades and today can be found in nearly half of the tap water in the U.S. In California, out of the 248 active public water systems tested, [65 percent](#) had these contaminants in their drinking water.

As a result of the hazard that they pose to health, regulators nationwide have been actively working on setting and tightening the maximum levels allowed in public water supplies. The U.S. Environmental Protection Agency recently took a notable step to protect public health by proposing to establish legally enforceable levels for six “forever chemicals” known to occur in drinking water, which would introduce the first-ever national standard to address them in drinking water. If finalized, the standard will require public water systems to monitor and treat for these chemicals.

To date, such regulation has mainly affected drinking water utilities. However, getting these chemicals out of our drinking water can’t stop at drinking water treatment. To be effective, contaminant remediation must include addressing water pollution at the source.

The problem, of course, is that the “source” of “forever chemicals” is everywhere. They come not just from industrial wastewater because of their use in manufacturing, but in municipal wastewater, where the chemicals are showing up in the human waste stream. They are around us, and they are in us. All wastewater contains some concentration of these chemicals in almost every region of the country. Thus, should regulators expand their focus beyond drinking water and onto wastewater, such regulation could have a significant impact.

The rapidly changing regulatory environment, both at the federal and state level, and the public attention that this problem is garnering as of late are creating uncertainties around who will pay for the cleanup.

Early estimates of the cost of removing “forever chemicals” from drinking water nationwide are about [\\$400 billion](#). And these costs — which cover only the cost of drinking water treatment, not wastewater treatment — are expected to rise as the hazards become clearer and more regulators set removal requirements.

Unfortunately, the burden to cover the costs of this cleanup falls on state and local governments, which ultimately trickles down to taxpayers in the form of rate hikes. California already ranks second among states with the highest water prices (average water bill of [\\$77 per month](#)), and rates will [likely continue to climb](#) unless those responsible for this pollution are held accountable.

More than a dozen states and over [400 municipalities](#) and water systems have filed lawsuits based on these chemicals’ contamination of drinking water or natural resources such as lakes and groundwater. More state agencies and municipalities are expected to continue pursuing litigation against the responsible manufacturers to recover mitigation costs. In California, many water agencies and municipalities have already filed lawsuits against the manufacturers of these chemicals, seeking to protect ratepayers and ensure that the companies that developed and manufactured them help pay the cleanup costs.

Such litigation is yielding results. This year has seen landmark, [billion-dollar settlements](#) in multi-district litigation between the manufacturers of “forever chemicals” and municipal water suppliers that are forcing polluters to pay for cleanup costs. Taking legal action is thus one way that municipalities and water agencies can use to address this environmental and public health crisis and ensure that all Californians have access to clean water at an affordable rate.



News for Immediate Release__

State presents \$38 million to Metropolitan to increase turf rebate for businesses, institutions

Nov. 14, 2023

Grant to help the region adopt more sustainable landscapes in wake of new law banning use of potable water on non-functional turf

Businesses and institutions gearing up to comply with a new state ban on using potable drinking water to irrigate non-functional lawns will soon get additional help from the Metropolitan Water District to transform turf into more sustainable landscaping, thanks to a state grant awarded to the district.



The California Department of Water Resources presented a \$38 million check to Metropolitan officials today as part of its [Urban Community Drought Relief](#) program, which has awarded over \$217 million to 44 projects to help communities strengthen drought resilience and better prepare for future dry conditions.

"We had a very wet winter, but the time is now to adapt to California's drier future. It's the perfect time to transform our yards away from thirsty lawns into drought resilient gardens. Our funding today ensures that communities, regardless of income, can withstand future droughts," said Karla Nemeth, Department of Water Resources director. "But we can't just conserve water – California is doubling down on infrastructure to capture, move, store and recycle water to better prepare for extreme swings between floods and drought. The Delta tunnel, expansion of surface reservoirs and groundwater aquifers, and large-scale recycled water projects are all needed to ensure a strong economy and healthy environment in the face of a changing climate."

This state grant will help Metropolitan increase its turf replacement rebate for businesses and institutions from \$2 to \$3 a square foot in 2024. The funds will help offset costs to convert up to 30 million square feet of non-functional turf into water-efficient landscaping, building on Metropolitan's highly successful turf rebate program. In total, the program has directly resulted in the removal of about 218 million square feet of grass, saving enough water to serve about 68,000 households annually.

Last month, Gov. Gavin Newsom signed Assembly Bill 1572, legislation co-sponsored by Metropolitan to phase out the use of potable water to irrigate grass that is not used for recreation or other purposes on commercial, industrial, municipal and institutional properties, beginning in 2027.

"As businesses and institutions comply with this new mandate, we hope they will replace their non-functional turf with sustainable landscapes," said Metropolitan General Manager Adel Hagekhalil. "This partnership will help them in that transformation."

“The state’s foresight and support will enable us all to become more resilient as we face climate whiplash and a future of hotter and drier droughts. These are part of a holistic and inclusive water management approach, diverse projects and courageous actions we must take including: resilient and modern conveyance and infrastructure; strategic and reliable storage; new local water supplies, including stormwater capture and recycling; and enhancing and protecting the environment and our communities. These will be part of Metropolitan’s Climate Adaptation Master Plan for Water that will ensure future generations of Southern Californians have the water they need,” Hagekhalil continued.

In addition to bolstering Metropolitan’s turf replacement program, the state funding also will support Metropolitan’s partnership with Southern California Gas Company that provides income-eligible households with no-cost, direct installation of high-efficiency fixtures such as weather-based irrigation controllers and more efficient clothes washers. The funding will allow 5,000 additional households to participate in the direct-install program.

The grant to Metropolitan will also help local public fire departments purchase water-recirculating units that conserve water during essential training exercises — saving over 12 acre-feet of water per unit per year.

“Our generational equivalent of building Hoover Dam is the literal transformation of the very landscape that surrounds us in Southern California, by replacing non-functional turf with native and California Friendly® plants,” said Metropolitan Board Chair Adán Ortega, Jr. “This grant from the state of California helps fuel this widespread landscape transformation, as well as other innovations, that will leave as its monument a common landscape heritage shared by the 19 million people who live here. It’s our legacy for future generations.”

The Metropolitan Water District of Southern California is a state-established cooperative that, along with its 26 cities and retail suppliers, provides water for 19 million people in six counties. The district imports water from the Colorado River and Northern California to supplement local supplies, and helps its members to develop increased water conservation, recycling, storage and other resource-management programs.

DWR is responsible for managing and protecting California’s water resources and works with others to benefit the State’s people and to protect, restore, and enhance the natural and human environments. DWR operates and maintains the State Water Project, oversees dam safety, provides flood protection, helps in emergency response, assists regional and local water agencies, promotes water conservation and safety, and plans integrated watershed management – in all to advance water resource sustainability.

Catalogued under:

[Water Supply](#)

← [Back to Newsroom](#)

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As the first major project at the Salton Sea nears completion, what's next?

Erin Rode, Palm Springs Desert Sun

Updated Mon, November 6, 2023 at 5:03 PM PST · 15 min read

After years of studies, public meetings and deliberation over the future of the receding Salton Sea, the first visible signs of major projects at the sea are starting to appear.

Local and state officials are hoping to build on the momentum generated by the near-completion of the largest project at the sea to date: The 4,100-acre Species Conservation Habitat Project along the sea's southern edge should be finished by the end of the year; a pilot project along the northern edge is officially in the works; and the U.S. Army Corps of Engineers is in the early stages of a feasibility study focused on potential long-term solutions at the Salton Sea.

But the state is still playing catch-up in its efforts to reach a target of 30,000 acres of projects that suppress dust from the exposed lakebed and create habitat for fish and birds by 2028. The state is also facing concerns from some community members who wonder if and when noticeable progress will be made on air quality and other issues at the Salton Sea.

"As a resident, since the Salton Sea Management Program started you're always hearing about the 10-year plan, but it took so many years to just get it off the ground, that sometimes you lose trust a little bit about the progress. And I think it's really encouraging to see (the Species Conservation Habitat Project) almost finished," said Daniela Flores, an organizer with the Imperial Valley Equity and Justice Coalition.

"There's been great concern that projects were moving too slowly, and that's still a concern. But certainly, I think this past year we saw that there is some progress being made," Flores continued.

Progress at the sea can sometimes be hard to track, especially since most headway over the past several years has taken the shape of annual reports, dense environmental studies, and public meetings, rather than visible progress on the ground. Assemblymember Eduardo Garcia recently acknowledged this at an event marking the start of surveying work for a project along the sea's northern edge:

"(The community) has participated in conversations about the Salton Sea, and for many of them, the motivation of not seeing an actual project within eye view has been very frustrating," [Garcia said at the October event](#), noting that the Species Conservation Habitat Project is along the sea's southern edge. "That project is out of sight, and when something is out of sight — for many people — it's out of sight, out of mind."

The Salton Sea, which is roughly twice as salty as the ocean, covers about 325 square miles, almost twice the surface area of Lake Tahoe, but it is rapidly shrinking. Since 2003, the sea's elevation has dropped by about 10 feet and its surface area has shrunk by about 38 square miles, according to the Water Education Foundation. The sea's receding shoreline has resulted in exposed lakebed that has left residents breathing in toxic dust for years while important bird and fish habitat also shrinks.

The Salton Sea relies on irrigation runoff from the Coachella and Imperial valleys, but the Quantification Settlement Agreement that took effect in 2003 saw hundreds of thousands of acre-feet of water per year transferred from the Imperial Irrigation District to the San Diego County Water Authority and other parties. The

agreement decreased the amount of agricultural runoff into the Salton Sea, and with further reductions expected due to mandated cuts to Colorado River water use, the crisis at the Salton Sea has taken on additional urgency over the past few years.

The state first pledged to fix the Salton Sea in September 2003, [when Gov. Gray Davis signed the Salton Sea Restoration Act](#). California released its 10-year Salton Sea plan in March 2017. Later that year, the State Water Resources Control Board passed an order that requires the board to hold annual meetings each year during that 10-year plan to hear a report on the status of the Salton Sea restoration from the California Natural Resources Agency. The order also sets specific restoration milestones for each year, and the California Natural Resources Agency must produce an annual report detailing its progress toward those milestones.

Salton Sea: Five years into California's 10-year plan

The Salton Sea Management Program's 10-year plan sets a target of constructing 30,000 acres of projects by 2028, with specific acreage targets each year set by the 2017 order from the State Water Resources Control Board.

Now about halfway to the 2028 deadline, the state is supposed to have 11,500 total completed acres of habitat and dust-suppression projects by the end of 2023. These projects fall into two categories: aquatic habitat projects like wetlands and dust suppression projects like planted vegetation.

Currently, the Salton Sea Management Program has interim dust control measures in place on 5,356 acres of projects that are currently under construction. A total of 368 acres are considered completed, which is defined as "flooded for aquatic habitat and planted and irrigated for vegetation enhancement dust suppression projects," according to Tony Andersen, Deputy Secretary for Communications at the California Natural Resources Agency.

"We are making progress demonstrably toward our acreage targets within the Salton Sea Management Program," California Natural Resources Secretary Wade Crowfoot told the State Water Resources Control Board during the board's annual workshop focused on progress on Phase 1 of the Salton Sea Management Program in May. "I need to be clear though, we continue to come from behind in terms of meeting our acreage targets and we have to continue to make up more ground to catch up to the schedule in terms of the amount of acres that would be mitigated for dust emissions, which of course are so critical to protect public health as well as the acreage required to restore habitat for fish and wildlife that use the Salton Sea."

At that same meeting, some public commenters criticized the state's lagging behind on annual acreage targets and expressed doubt over the state's ability to catch up.

"It's really hard not to repeat the same concerns over and over again, at each of these meetings. I would like to give credit to the state agencies, elected officials, and a host of NGOs and others that are trying, but it looks to me like we are falling further behind on the SSMP timeline," Tim Floyd, a Coachella Valley resident, said at that May meeting.

E. Joaquin Esquivel, chair of the State Water Resources Control Board, responded by "acknowledging" that "hopefully folks can feel the progress that's there, but also the urgency we all feel because we're so behind on the work that's necessary."

Another public commenter, Tom Sephton, noted that in order to meet the 30,000-acre target, "you're going to have to get three times as much built (from 2024 to 2028) as was accomplished in the first five years."

Getting access to land around the Salton Sea has long been one barrier for projects. Of the roughly 235,000 acres of land around and under the sea, a total of about 210,000 acres are owned by the four biggest landowners:

Imperial Irrigation District, U.S. Bureau of Reclamation, U.S. Bureau of Land Management, and the Torres Martinez Desert Cahuilla Indians. The state only owns about 3,900 acres.

This different land ownership has required the state to enter land access agreements to start projects at the Salton Sea. [A more streamlined process was created in December 2022, when the Department of the Interior, IID, and Coachella Valley Water District agreed to establish programmatic land access agreements for state agencies to implement Salton Sea projects.](#)

As of March 2023, the state had gained land access to 15,800 acres around the Salton Sea, up from 5,800 the year before.

A big win: Species Conservation Habitat project

Officials are also pointing to the Species Conservation Habitat project as one major sign of progress along the Salton Sea.

“We are fully focused on scaling up, on bringing the projects that we have under construction right now to completion, and then duplicating that effort and scaling up so we’re reaching those acreage targets,” Samantha Arthur, the Assistant Secretary for Salton Sea Policy at the California Natural Resources Agency, told The Desert Sun this week. Arthur started in the position in April.

Billed in the state’s annual Salton Sea report as the “first large-scale project” under the Salton Sea Management Program, the project will restore about 4,100 acres of shallow water habitat lost to the sea’s receding shoreline and increasing salinity. A large network of ponds and wetlands will provide fish and bird habitat and suppress dust emissions from the receding shoreline along the sea’s southern edge.

Construction is now complete on the project, which involved building berms, islands and a mile-long causeway stretching into the sea that connects to a pump station with a dredge channel extending another four miles into the sea. The pump station will provide water for habitat ponds, along with a diversion structure that will divert water from the New River.

The long dredge channel and causeway are expected to allow officials to maintain the project [for at least the next 35 years](#) as the shoreline recedes.

According to Arthur, the next steps will involve flooding about 130 acres of the project to fill it with water by the end of this year. The rest of the project likely won’t be flooded until after an expansion project that would add roughly another 3,000 to 5,000 acres to the Species Conservation Habitat project. Once that expansion is constructed, water would then be added to both the rest of the initial project and the expansion.

Next on deck: North Lake Pilot Demonstration Project

On the northern end of the sea, [preliminary survey work began in October on the North Lake Pilot Demonstration Project](#), a long-envisioned effort led by Riverside County that will create an approximately 156-acre lake with both deep and shallow water habitat, as well as potential recreation opportunities. The pilot project could eventually be combined with the larger 1,600-acre North Lake project, which is in the permitting and design phase this year. An additional wetlands project helmed by Audubon near Bombay Beach is slated for over 800 acres.

Other acreage progress at the sea so far has mostly been in the form of vegetation projects that aim to reduce dust emissions by planting native plants and placing temporary bales of grass on the exposed lakebed while the plants grow. This has included approximately 1,200 acres of vegetation enhancement at Tule Wash near Salton City, 91 acres near Bombay Beach, and another roughly 400 acre project near Salton City.

The state's goal is to start construction on the North Lake Demonstration Pilot Project, the North Lake Project, the Species Conservation Habitat Expansion Project, and a few other smaller vegetation projects by the end of 2024, and to continue implementing those projects through 2025 to meet the target of 17,600 cumulative acres that year.

But beyond that, a comprehensive schedule for projects in 2026 through 2028 is still in the works. This year's annual report on the Salton Sea notes that "a comprehensive project pipeline and schedule" for 2026, 2027 and 2028 will be developed after the completion of an environmental assessment document by the U.S. Army Corps of Engineers. Information about the 2026-2028 projects is expected in next year's annual report, according to Andersen.

"They are way, way, way behind the milestones that the State Water Board memorialized, which were based on estimates that the Salton Sea Management Program team came up with," said Michael Cohen, a senior researcher with the Pacific Institute who has spent decades focused on the Colorado River basin and the Salton Sea. Cohen says those initial estimates may have been "a little optimistic."

"They've been running against that hurdle for a while now, and even when they get the SCH habitat project up and running, they're still not caught up, but with the expansion project they'll be closer . . . The challenge is after that expansion project, it's not clear what else is really in the pipeline," Cohen said, adding that it may be challenging to obtain water sources for the North Lake projects along the sea's northern shore.

Looking beyond 2028: Addressing sea shrinkage, salinity

While these 10-year plan projects are focused on mitigating the impacts of a receding Salton Sea, additional and larger-scale action will be needed to actually address the underlying issue of a sea that is shrinking in size and increasing in salinity each year due to reduced inflows.

But a few more years of studies stand in between now and when a long-term solution is selected.

[The idea of importing water from Mexico's Sea of Cortez or the Pacific Ocean off California's coast has been floated for years as one possible solution to the Salton Sea's declining water levels.](#) After first putting out a call for water importation proposals in 2017, the state established an independent review panel in October 2021 to evaluate a total of 18 water importation proposals submitted between 2018 and 2021. The seven-member independent Salton Sea panel was coordinated by UC Santa Cruz and chaired by Rominder Suri, a Temple University civil and environmental engineering professor who specializes in water, environment and technology.

In the summer of 2022, the panel first narrowed down the 18 concepts to move three forward for further study, all of which involved importing water from the Sea of Cortez. But in a final report issued in September 2022, [the panel ultimately did not recommend importing water from the Sea of Cortez to address long-term problems at the Salton Sea,](#) citing high costs and potential environmental damage, and instead recommended a combination of desalination and water from the Imperial Irrigation District.

The panel recommended building a large desalination plant near the Salton Sea that would treat 200,000 acre-feet of water a year. After desalination, 100,000 acre-feet of pure water would be returned to the sea each year. To replace that lost 100,000 acre-feet, the panel recommended compensating farmers to let their land go fallow, with the saved water flowing into the Salton Sea.

This recommendation was criticized by proponents of water importation, which has included private-sector engineers and [local groups like EcoMedia Compass,](#) with some public commenters at the independent review panel meeting questioning whether such a fallowing program would be feasible given ongoing drought conditions and cuts to Colorado River water use.

New direction? 'Smaller sea and larger playa'

One of the key conclusions from the independent panel was that "it is not necessary to refill the Salton Sea to its mid/late 20th-century volume. A lower-volume sea can also achieve today's environmental, air quality, and economic goals for the region. This conclusion led the panel to reframe the role of imported water." The panel's report envisioned a future Salton Sea with "a smaller sea and a larger playa."

However, ultimately the independent review panel was only making recommendations, not determining which path the state will take for long-term restoration at the sea. The state was required to complete a draft long-range plan for action at the Salton Sea by the end of 2022, [and considered the panel's recommendations as "one point of information" in developing that report.](#)

That draft long-range plan didn't identify one preferred solution, but instead recommended a wide range of concepts for further evaluation, including building and filling a narrow "perimeter lake" around the edge of the exposed lakeshore, splitting the lake in two, building desalination plants, or importing water from the Sea of Cortez, among other proposals. A final long-range plan is expected around the end of this year.

The next step is a feasibility study by the U.S. Army Corps of Engineers [focused on evaluating which of more than a dozen possible large-scale engineered solutions are feasible.](#)

"The study will explore a range of options," Arthur said, "and the latest technologies including concepts that rely on in-basin water sources, as well as water import options."

So water importation is still on the table, but the timeline is unclear. Arthur said the three-year study likely will be extended to five years.

"That's the work that will identify a plan for long-term restoration, and I also want to emphasize the importance of us really focusing on carrying out the projects under our 10-year plan, because that's what needs to happen now as well, on two parallel tracks," she said.

Meanwhile, Flores says she hopes to see action at the Salton Sea go beyond acreage targets and restoration plans, and toward a more holistic approach that also focuses on health care and infrastructure in the region.

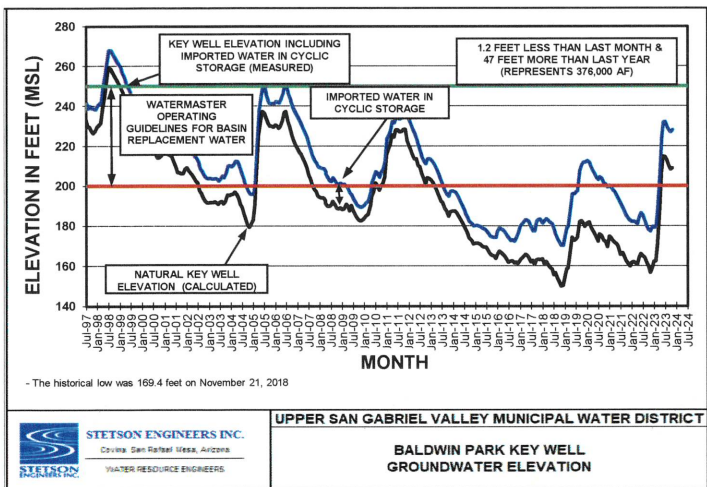
"While efforts to suppress the dust are in place, children are still dying from not being able to get to the hospital in time when they have an asthma attack," said Flores. "I think we've heard loud and clear from residents that restoration efforts should be discussed in a more holistic approach that considers infrastructure for residents to mitigate the negative health outcomes that result from living around the Salton Sea and being exposed to the particulate matter."

This article originally appeared on Palm Springs Desert Sun: [Salton Sea: What's next as major state project nears completion](#)



REPORT OF THE DISTRICT ENGINEER ON HYDROLOGIC CONDITIONS DECEMBER 6, 2023

Baldwin Park Key Well



Groundwater Elevation November 2023

	Groundwater Elevation (ft)	Difference from prior month (ft)	Difference from prior year (ft)
November 28, 2022	179.7		
October 27, 2023	228.0		
November 27, 2023	226.8	-1.2	47.1

Untreated Imported Water in Cyclic Storage Accounts

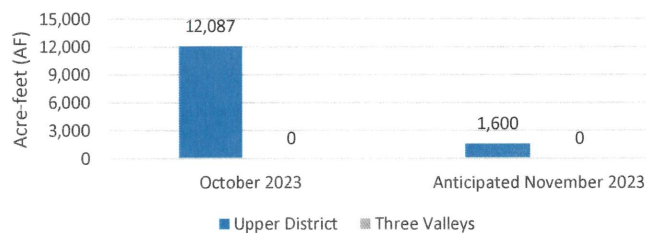
Producer Cyclic Storage	55,000 AF
MWD Cyclic Storage (For UD RDA Delivery)	51,000 AF
Other Cyclic Storage	14,000 AF
Total	120,000 AF*

*Represents about 15 feet of groundwater elevation at the Key Well

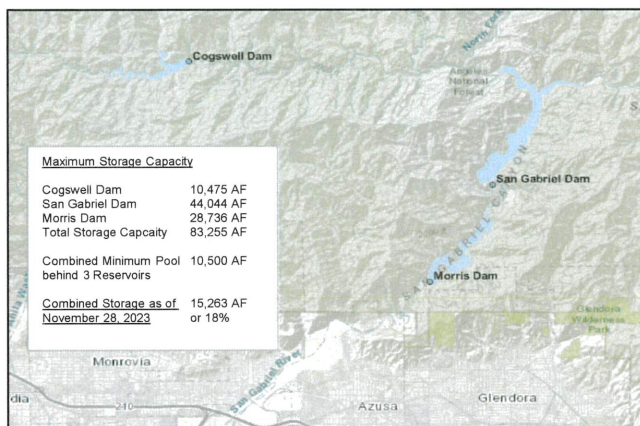
USG-3

- Located in San Gabriel Canyon, just below Morris Dam, it represents Upper District's primary point of delivery of untreated imported water for groundwater replenishment to the San Gabriel Valley
- Typical delivery rate is about 190 cfs (or about 375 AF per day)

Imported Deliveries through USG-3

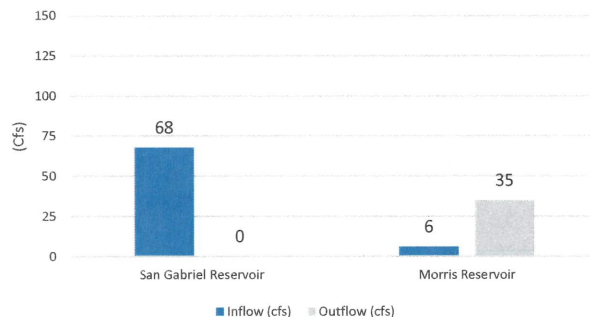


Reservoir Storage and Releases



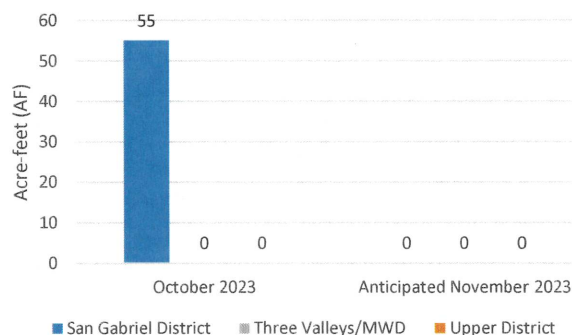
Reservoir Flow

As of: November 28, 2023



San Gabriel Canyon Spreading Grounds

Imported Deliveries to San Gabriel Canyon

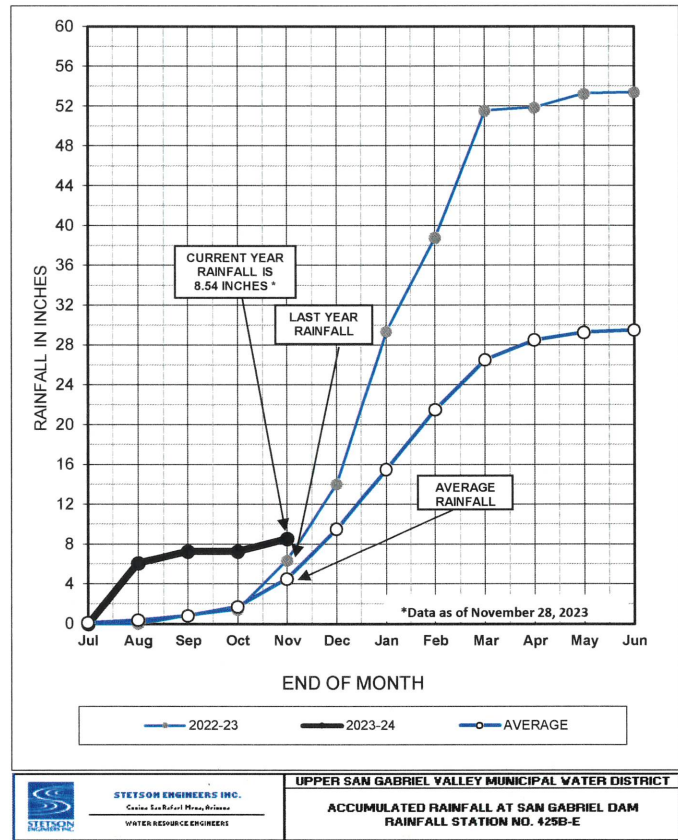
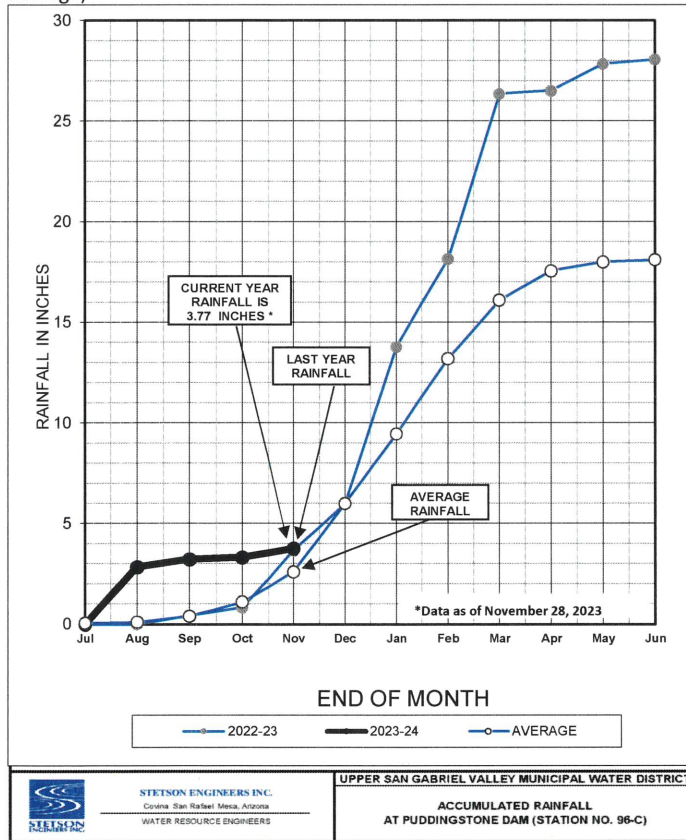




REPORT OF THE DISTRICT ENGINEER ON HYDROLOGIC CONDITIONS DECEMBER 6, 2023

Rainfall

• Data are readily available on a daily basis and are indicative of comparative amount of rainfall in the San Gabriel Valley (percent of average)

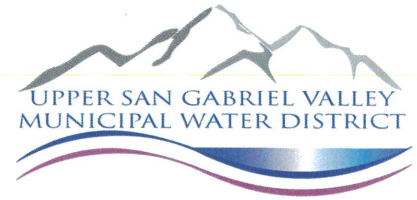


Water Quality

• Water Systems are required by the Division of Drinking Water (DDW) to collect water quality data from source wells and provide the results to DDW Pursuant to Title 22 (Water quality data collected through Main San Gabriel Basin Watermaster's Basinwide Groundwater Quality Monitoring Program)

- During November 2023, 71 wells were sampled under Title 22
- During October 2023, 39 wells were sampled under Title 22
- During October 2023, Stetson Engineers Inc. received no public notice of wells shut down due to contamination

MEMORANDUM



11. GENERAL MANAGER'S REPORT

General Manager's Monthly Report December 6, 2023

Water Supply Update



Baldwin Park Key Well: 226.8 feet on 11/27/23
San Gabriel Canyon: 15,263 AF combined storage
as of 11/28/23
San Gabriel Reservoir: inflow 68 cfs;
release 0 cfs
Morris Reservoir: inflow 6 cfs; release 35 cfs



USG-3 deliveries during October 2023:
12,087 AF to MWD Cyclic
Rainfall as of 11/28/23:

- 3.77" - Puddingstone Dam
- 8.54" - San Gabriel Dam

MWD Water Supply Conditions as of November 20, 2023, are summarized as follows:

Reservoir	Capacity	Current Storage	Compared to last year
San Luis	2.04 MAF	59%, 1.21 MAF	173 TAF more
Oroville	3.54 MAF	66%, 2.35 MAF	1.35 MAF more
D. Valley Lake	810 TAF	89%, 718 TAF	219 TAF more
Lake Powell	24.3 MAF	36%, 8.67 MAF	2.90 MAF more
Lake Mead	26.1 MAF	34%, 8.79 MAF	1.54 MAF more

**Storage volumes are in units of Million Acre-Feet (MAF), or Thousand Acre-Feet (TAF)*



Drought Actions

WSCP status: Level 2, 20% conservation target, 3 day/week outdoor watering summer,
2 day/week outdoor watering in winter

Building Update

The elevator upgrade project is underway and is almost complete. A final inspection from the Department of Industrial Relations is needed before the elevator can be put back into operation. Staff continues to work with the HVAC contractor regarding the two units that have not been fixed and the remaining unresolved issues. A revised quote from Webasto for the EV charging stations has been approved and staff is working with the supplier in getting units allocated to Upper District.

Water Use Efficiency



Residential Water\$mart Rebates

Since July 2023 - \$281,572.84



Commercial Water\$mart Rebates

Since July 2023 - \$35,610.00



Water Smart Home Kits

Homes Served: 68
Baldwin Park project is live
Grant funded project is live



MAAP Funds 2023-2025 - \$572,000

Reserved: \$572,000 (pending \$100,000)
Available: \$0
Invoiced to MWD: \$199,201

Education and Outreach



2023 Water Education Grant

Applications submitted: 22
21 recommended for approval - \$19,648.17



Watershed Restoration

Spring 2024 Event Dates:
March 9, 2024 & April 6, 2024



Upcoming Landscaping Workshops

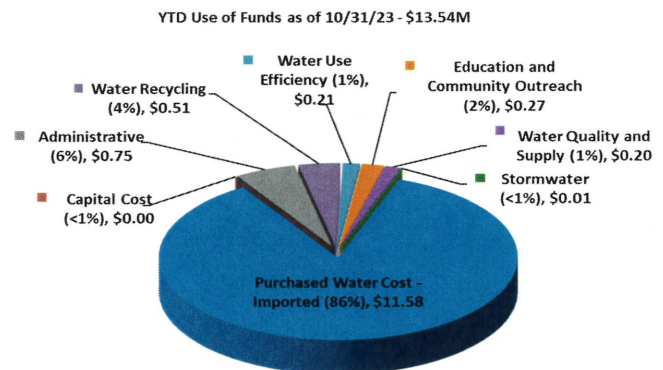
February 13, 2024 @ 6-7pm – California Friendly Landscape Training (MWD) *Virtual*
February 24, 2024 @ 9-11am – Hands-on Advanced Design *in-person*
March 7, 2024 @ 6-7:15pm - Design Challenges *Virtual*
March 19, 2024 @ 6-7pm – Leak Detection *Virtual*
April 9, 2024 @ 6-7pm – Pollinators *Virtual*
April 25, 2024 @ 6-7pm – Landscape Transformation on a Budget *Virtual*

Finance and Administration



Financial Highlights for FY 23/24

- Treated water sales: 953 AF
- Untreated water sales: 11,873 AF
- YTD net operating revenues: \$0.47M



**Summary Report for
The Metropolitan Water District of Southern California
Board Meeting
November 14, 2023**

CONSENT CALENDAR ITEMS - ACTION

Authorized professional services agreements with (1) AECOM Technical Services Inc. in an amount not to exceed \$660,000 and (2) CDM Smith Inc. in an amount not to exceed \$475,000 to perform water desalination studies in Metropolitan's service area. **(Agenda Item 7-1)**

Authorized an agreement with General Networks Corporation in an amount not to exceed \$6,609,900 for the implementation of a cloud-based Enterprise Content Management System. **(Agenda Item 7-2)**

Authorized an increase of \$3,100,000 in change order authority for the contract to replace the overhead bridge cranes at the five Colorado River Aqueduct pumping plants. **(Agenda Item 7-3)**

(a) Awarded a \$1,244,935 contract to HP Communications Inc. to construct a new fiber optic cable line from Parker Dam to the Gene Pumping Plant, and (b) Authorized an increase of \$176,000 to an existing agreement with HDR Engineering Inc. for a new not-to-exceed amount of \$451,000 for technical support during construction. **(Agenda Item 7-4)**

Authorized the General Manager to extend the Metropolitan/Quechan Tribe Seasonal Fallowing Pilot Program with the Quechan Tribe of the Fort Yuma Indian Reservation and farmers within Quechan tribal land, to provide incentives for land fallowing for up to \$864,000 in 2024 and escalated annually through 2026. **(Agenda Item 7-5)**

Expressed support for the 2023 California Resilience Challenge and approve a financial sponsorship of \$50,000 to continue as a Resilience Leader. **(Agenda Item 7-6)**

Authorized an increase of \$200,000/year to a new amount not to exceed \$400,000/year for an existing agreement with WaterWise Consulting Inc. for the Large Landscape and Residential Survey Program. **(Agenda Item 7-7)**

Authorized an increase of \$350,000/year, to a new amount not to exceed \$850,000/year, for an existing agreement with WaterWise Consulting, Inc. to provide inspection services for turf removal, regional device rebates, and water savings incentive program projects for Metropolitan's conservation rebate programs. **(Agenda Item 7-8)**

Authorized the General Manager to authorize an extension of the 13 contracts to June 30, 2024. Authorized the General Manager to increase the contract amounts to \$449,000 for contracts 184359-04, 184454-02, 184470-04, and 184751-04. **(Agenda Item 7-9)**

Approved the Metropolitan Water District of Southern California's salary schedules pursuant to CalPERS regulations. **(Agenda Item 7-10)**

Approved amendments to the Metropolitan Water District Administrative Code to conform to current law, practices, and regulations. **(Agenda Item 7-11)**

Approved amendments to Metropolitan Water District Administrative Code sections 6431 and 6453 to increase the authority of the General Counsel to obtain legal and related services to an amount not to exceed \$250,000 and the General Auditor to obtain professional services to an amount not to exceed \$100,000. **(Agenda Item 7-12)**

(a) Adopted a resolution providing financial assurance for the Colorado River Aqueduct Master Reclamation Plan and established the Metropolitan Reclamation Plan Trust Fund; and (b) Amended Sections 5200 and 5201 of the Metropolitan Water District Administrative Code to establish the Metropolitan Reclamation Plan Trust Fund. **(Agenda Item 7-13)**

Agenda Item 7-14 Deferred.

Authorized the General Manager to sponsor legislation to amend the Surface Mining and Reclamation Act to eliminate the sunset date to allow Metropolitan to continue operating under its existing master reclamation plan. **(Agenda Item 7-15)**

OTHER BOARD ITEMS - ACTION

Awarded an \$18,840,000 contract to Steve P. Rados Inc. to construct a surge protection facility on the Inland Feeder near the Badlands Tunnel. This project is part of water supply reliability improvements in the Rialto Pipeline service area. **(Agenda Item 8-1)**

Adopted CEQA determination that the proposed action was previously addressed in the adopted 2003 Mitigated Negative Declaration; and awarded a \$16,055,500 contract to Northwest Pipe Company to furnish 12,500 feet of welded steel pipe to rehabilitate a portion of the Lakeview Pipeline. **(Agenda Item 8-2)**

Authorized the General Manager to enter into agreements with Coachella Valley Water District, Imperial Irrigation District, and San Diego County Water Authority to allow water to be added to Lake Mead under Reclamation's LC Conservation Program in 2023. **(Agenda Item 8-3)**

Authorized the General Counsel to opt out of the DuPont and 3M proposed settlements. **(Agenda Item 8-4) (Heard in Closed Session)**

Authorized an increase in maximum amount payable under contract for legal services with Internet Law Center, Ltd. in the amount of \$150,000 for a total amount not to exceed \$250,000; and authorize an increase in maximum amount payable under contract for legal services with Kronenberger Rosenfeld, LLP in the amount of \$100,000 for a total amount not to exceed \$250,000. **(Agenda Item 8-5)**

Authorized the General Manager to exercise discretion under Administrative Code Section 610(k) to enter into a reopener Memorandum of Understanding with AFSCME Local 1902. **(Agenda Item 8-6) (Heard in Closed Session)**

Concurred with the 2023 Long-Range Finance Plan Needs Assessment for planning purposes and to bring it back to the Board in January. **(Agenda Item 8-7)**

THIS INFORMATION SHOULD NOT BE CONSIDERED THE OFFICIAL MINUTES OF THE MEETING.

All current month materials, and materials after July 1, 2021 are available on the public website here: <https://mwdh2o.legistar.com/Calendar.aspx>

This database contains archives from the year 1928 to June 30, 2021:
<https://bda.mwdh2o.com/Pages/Default.aspx>

Summary Report for the San Gabriel Basin Water Quality Authority November 15, 2023

Merit Salary Increases and Annual Cost of Living Allowance "COLA" Policy

The Board of Directors approved the merit salary increases and annual cost of living policy.

Summary Report for the Main San Gabriel Basin Watermaster Regular Board Meeting November 1, 2023

Election of Producer Nominees for Watermaster for Calendar Year 2024

The Board of Directors received the following nominations for producer members to Watermaster for CY 2024: Melissa Barbosa, Benjamin Lewis, Jr., David Michalko, Lynda Noriega, Anteneh Tesfaye and Martin Zvirbulis. A unanimous ballot was cast by the Board of Directors for those nominated.

The Board of Directors also received and filed the following certification of appointments for CY 2024:

- a) Steven T. Placido by San Gabriel Valley Municipal Water District
- b) Dr. Anthony Fellow and Jennifer Santana by Upper San Gabriel Valley Municipal Water District

Request to Execute Extension Agreement for Valencia Heights Water Company for Producer Cyclic Storage Account

The Board of Directors authorized the extension agreement for Valencia Heights Water Company/Watermaster Cyclic Storage Agreement for a period of five years.

Renewal of Three Valleys Municipal Water District Cyclic Storage Agreement

The Board of Directors authorized the Executive Officer to execute the cyclic storage agreement upon final language amendment.

Fiscal Year 2023-24 Annual Report

The Board of Directors received and filed the FY 2022-23 Watermaster Annual Report.

Draft Annual 5-Year Water Quality and Supply Plan

The Board of Directors set the public comment period for the Five-Year Plan to begin Wednesday, November 1, 2023, and continue through the public hearing set for the regular Watermaster meeting on January 3, 2024.

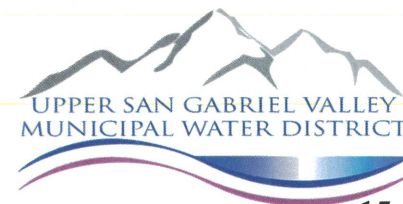
Authorization to Purchase Reliability Storage Water using Resource Development Assessment for Fiscal Year 2022-23

The Board of Directors authorized the Executive Officer to make the appropriate purchases.

Authorization to Purchase Replacement Water Requirements for Fiscal Year 2022-23

The Board of Directors authorized the purchase of replacement water from the appropriate Responsible Agencies for overproduction during FY 2022-23.

MEMORANDUM



15.
**DIRECTORS'
REPORT (AB 1234)**

Directors' Activity Report – (AB 1234)
In accordance with CA Government Code Section 53232.3 (d)
November 2023

ANTHONY R. FELLOW, Division 1

Date	Event	Description/Topics
Nov 28 -30, 2023	ACWA Fall Conference	Let's Get Ethical: The New 1090 Gives Water Agencies More Flexibility. Proposition 218: Protecting Local Ratemaking Authority. Excellence in Communication Case Studies. Building Customer Trust in a Polarized World. Multi-Agency Water Projects. Show Me the Money-Alternative Funding Options for Critical Infrastructure Costs. Next Generation Workforce: DEI...AL... Oh My! The Voluntary Agreement Advantage. Navigating Delta Solutions. Navigating the PFAS Lawsuits: From Litigation to Compensation. California Agriculture: Food Supply and National Security. Leading the (re)Charge: California's Latest Strategy to Put More Water in the Ground. Watt's Next? A Solar-Powered Future for the Central Valley.

CHARLES M. TREVIÑO, Division 2

Date	Event	Description
Nov 28 -30, 2023	No reportable activity.	Let's Get Ethical: The New 1090 Gives Water Agencies More Flexibility. Proposition 218: Protecting Local Ratemaking Authority. Excellence in Communication Case Studies. Building Customer Trust in a Polarized World. Multi-Agency Water Projects. Show Me the Money-Alternative Funding Options for Critical Infrastructure Costs. Next Generation Workforce: DEI...AL... Oh My! The Voluntary Agreement Advantage. Navigating Delta Solutions. Navigating the PFAS Lawsuits: From Litigation to Compensation. California Agriculture: Food Supply and National Security. Leading the (re)Charge: California's Latest Strategy to Put More Water in the Ground. Watt's Next? A Solar-Powered Future for the Central Valley.

ED CHAVEZ, Division 3

Date	Event	Description
	No reportable activity.	

KATARINA GARCIA, Division 4

Date	Event	Description
	No reportable activity.	

JENNIFER SANTANA, Division 5

Date	Event	Description
	No reportable activity.	