



**A REGULAR MEETING OF THE BOARD OF DIRECTORS
UPPER SAN GABRIEL VALLEY MUNICIPAL WATER DISTRICT
248 E. FOOTHILL BLVD. ROOM #103, MONROVIA, CA 91016
4:00 P.M. – February 14, 2024**

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) Government Affairs and Community Outreach (*Fellow, Chair – Chavez, Vice-Chair*)
Minutes of meeting held on February 05, 2024 enclosed.
 - (b) Administration and Finance Committee (*Santana, Chair – Treviño, Vice-Chair*)
Minutes of meeting held on February 06, 2024 enclosed.
 - (c) Water Resources and Facility Management Committee (*Treviño, Chair – Garcia, Vice-Chair*)
Minutes to be distributed at the meeting.
6. CONSENT CALENDAR [1]
 - (a) Minutes of a regular meeting of the Board of Directors held on January 24, 2024 at 4:00 p.m.
 - (b) List of Demands
 - (c) Financial Reports – December 2023
 1. Financial Statements
 2. Quarterly Report on Investments
 3. Director's Public Outreach
7. ACTION/DISCUSSION ITEMS [1]
 - (a) Federal Legislative Summary and Position (*Staff memorandum enclosed.*)

Recommendation

The Government Affairs and Community Outreach Committee recommends that the Board of Directors approve Senator Padilla's legislative bill related to the Low-Income Household Water Assistance Program Establishment Act, which is consistent with Upper District's 2023-2024 Legislative Policy Principles adopted by the Board in January 2023.

(b) Strategic Plan Update *(The General Manager will provide an update.)*

Recommendation

This item is for information only. No action is anticipated.

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 – None.

19. ADJOURNMENT - To a regular meeting of the Board of Directors to be held on February 28, 2024 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

February 5, 2024

TO: BOARD OF DIRECTORS

FROM: GOVERNMENT AFFAIRS AND COMMUNITY OUTREACH COMMITTEE

SUBJECT: MINUTES OF THE GOVERNMENT AFFAIRS AND COMMUNITY OUTREACH COMMITTEE AND SPECIAL MEETING OF THE BOARD OF DIRECTORS – February 5, 2024

ATTENDANCE:	Anthony Fellow (Chair)	Jennifer Aguilar
	Ed Chavez (Vice-Chair)	Ana Schwab
	Jennifer Santana	Lowry Crook
	Tom Love	Christopher Keosian
	Patty Cortez	Steve Baker
	Venessa Navarrette	Charley Bell
	Katherine Vazquez	Steve O'Neill

1. **Call to Order.**
2. **Public Comment.** None.
3. **Legislative Update.**

a. Sacramento

Steve Baker, of Aaron Read and Associates, presented the Sacramento report. Senator Mike McGuire assumed the role of President Pro Tem on February 5th, succeeding Senator Toni Atkins. Senator McGuire's term is planned to conclude in 2026. Steve noted that the deadline for new bill introductions this year is February 16th. He mentioned that a total of 2,700 bills were introduced in both California's Senate and Assembly in 2023, with approximately 1,800 reaching the Governor's desk and 1,700 being signed into law. Steve Baker estimates that around 2,500 more bills will be introduced before this month's deadline.

Steve Baker reiterated the Governor's budget proposal on January 10th, projecting a \$38 billion deficit. However, the Legislative Analyst Office forecasts a larger deficit of \$68 billion. Senator McGuire brought up the necessity for the legislature to address this deficit and pass a balanced budget by June 30th.

Steve Baker stated that Senator Allen has taken the lead on a climate resources bond initiative, along with Assemblymember Eduardo Garcia. Bond negotiations on the chapter amounts continue to take shape with the legislature and Upper District will continue to advocate for its bond funding priorities.

Director Fellow asked for clarification on the funding secured by MWD for Pure Water Southern California. Additionally, he inquired about the Governor's budget and whether the Governor is assuming there will be additional revenue.

b. Washington D.C.

Patty Cortez, Assistant General Manager of External Affairs, introduced Christopher Keosian, a new employee at Best, Best, and Krieger (BB&K). The meeting proceeded with Ana Schwab from BB&K presenting the Washington D.C. Report. Ana Schwab mentioned that Congress has delayed appropriations until the beginning of March and expressed the expectation for Congress to pass a resolution for FY 2025 shortly after the State of the Union, scheduled for March 7th. She also noted that President Biden has indicated the national budget will be revealed on March 11th.

Ana Schwab noted Upper District's support for the Low-Income Household Water Assistance Program (LIHWAP), introduced by Senator Padilla and championed by Congresswoman Napolitano in 2020 to prevent water shutoffs during the COVID-19 pandemic.

Another critical bill is the Water Conservation Rebate Tax Parity Act, sponsored by Congressman Huffman and co-sponsored by Congresswoman Chu. Ana Schwab explained that this legislation would transform Upper District's water conservation programs into rebate programs, alleviating tax burdens for residents.

Lowry Crook mentioned that Congresswoman Napolitano has introduced legislation known as the Water Resources Development Act, aimed at making water supply a central focus for the Army Corps of Engineers. They are actively seeking bipartisan support for this bill.

Ana Schwab stated that they are collaborating with the delegation to secure FEMA disaster funds in response to recent storms. They are particularly focused on monitoring Whittier Narrows to ensure that the disaster relief fund is available for timely responses.

Director Fellow asked for clarification on the date of the State of the Union.

Director Chavez commented on the number of bills that have been passed in Congress in comparison to the State Legislature.

4. Federal Legislative Summary and Position

Patty Cortez, Assistant General Manager, presented the following legislative summary for committee consideration.

S.___: The Low-Income Household Water Assistance Program (LIHWAP) Establishment Act (Padilla) - Support

The Committee approved staff recommendation (2-0) to support the LIHWAP Establishment Act and moved the item for full Board approval.

5. Upper District Branding Research and Preliminary Review

Patty Cortez introduced Charley Bell of 789, Inc. who conducted research for Upper District's rebranding initiative. Charley Bell provided an overview of his agency's stakeholder research which included board and staff interviews and interviews with producers' conservation staff. Charley also provided preliminary concepts, logos, and mottos for the committee to consider for further analysis.

Director Fellow appreciated the forward approach and modernization of the branding initiative. Additionally, he asked Tom Love, General Manager, for clarification on the proposed water district name.

Tom Love, Patty Cortez, and Steve O'Neill discussed the name changes that various water districts have recently embraced for their own agencies.

Director Chavez expressed which concepts he liked. Additionally, he suggested to explore different words other than "resilience" and "waters".

Director Santana expressed which concepts she liked and was impressed with the presentation.

Patty Cortez stated she will send the presentation to the extended Board and staff to collect additional feedback and will return at a future committee meeting for final concepts.

6. FY 2024/25 Conservation Outreach Budget Proposal

Patty Cortez presented the FY 2024/25 Conservation Outreach Budget proposal, highlighting several key points. She discussed the potential return of MWD's Solar Cup Program and outlined the proposed budget allocation for the program. Patty emphasized the budget's flexibility, particularly for events such as WaterFest and additional Upper District special events. Additionally, she explained the continuation of MAA-funded initiatives such as the WaterSmart Home Kit Program, with Upper District utilizing U.S. Bureau of Reclamation grant funding to help supplement this program. Patty also announced the upcoming launch of the Plant Voucher Program in the current fiscal year, scheduled for spring.

Patty reviewed Upper District's educational programs and budget allocations and expressed staff frustration on the low participation numbers for the Discovery Cube program. She noted that Jennifer Aguilar will be reaching out to our school boards to provide them with an overview of Upper District's education programs and encourage participation.

Patty Cortez discussed the implementation of Director Town Halls for the next fiscal year, focusing on providing water supply updates to communities. She also presented budget comparisons for the last two years to the committee. Additionally, she informed the committee about the upcoming review of agency memberships at the next meeting as part of the budget process.

Director Chavez asked about the storage costs added to the water bottle program, as it was not featured in previous budgets.

Director Fellow requested to invite Mt. San Antonio College and Citrus College to provide public information on their water certification programs at WaterFest.

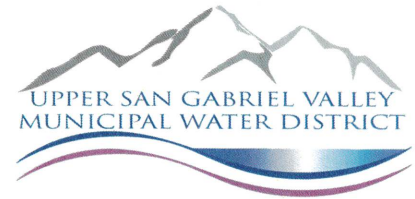
7. Other Matters.

Patty Cortez mentioned that she and Katherine Vazquez attended a California Special Districts Association (CSDA) meeting last week, to discuss the creation of a San Gabriel Valley chapter. She highlighted the potential interest from various districts in initiating this chapter. Additionally, she noted that any board member may participate in the chapter discussions, if they are interested.

NEXT MEETING: Monday, March 4, 2024, at 4:00 p.m.

cc: General Manager

MEMORANDUM



5. (b) COMMITTEE REPORTS

February 7, 2024

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 – February 6, 2024

SPECIAL NOTICE - Teleconference Meeting

By the newly adopted provisions of the Brown Act and consistent with the Board's Resolution ratifying the declaration of a state of emergency by the State of California in response to the COVID-19 pandemic, this meeting was held via teleconference.

ATTENDANCE:	Jennifer Santana, Chair	Patty Cortez	Venessa Navarrette
	Tom Love	Jessica Hernandez	Kara Hooks
	Evelyn Rodriguez	Priscilla Lu	

1. Call to Order.

2. Public Comment. None.

3. Quarterly Investment Update – December 31, 2023.

Kara Hooks, representative from Chandler Asset Management (Chandler), presented the investments managed by Chandler as of the quarter ended December 31, 2023. Ms. Hooks provided an economic update, discussing the recent employment reports, the change in the yield curve, subsidence of inflationary trends, anticipated loosening of monetary policy in 2024, consumer activity, the growth of gross domestic product (GDP) and other leading economic indicators.

Ms. Hooks presented a summary of the district's portfolio holdings, including investment performance, quality, duration, and sector distribution. She stated that the district's investments continue to outperform the benchmark in every area and are in compliance with the Investment Policy.

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

4. Oral Reports - Financial Report and Quarterly Report on Investments - December 31, 2023

Evelyn Rodriguez, Chief Financial Officer/Chief Administration Officer, gave a presentation highlighting the district's net operating revenue, water sales, cash and investments, and fund balances for the period ended December 31, 2023. She noted that the 50,000 AF of untreated water sold in December will not be reported until

February 2024 when funds are actually collected. She also reported that while operating expenses are generally consistent with budgeted amounts, election costs are anticipated to exceed the budget due to the increase in costs billed by the County.

The General Manager and the Assistant General Manager, External Affairs discussed the contributing factors such as the rising cost of mail-in ballots, ballot drop boxes, filing fees and translation services that the County incurs.

The CFO/CAO added that as of December 31, 2023, Upper District's investments are in compliance with existing investment policies.

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

5. FY 2023/24 Budget Process.

Ms. Rodriguez presented the proposed timeline for Upper District's budget process for FY 2024/25 and FY 2025/26. She stated that staff is currently developing a two-year budget for board consideration.

6. Other Matters.

The General Manager announced the upcoming Metropolitan Water District Finance Committee meeting and highlighted the proposed rate increases discussed in the budget memo.

NEXT MEETING: Tuesday, March 5, 2024, at 4:00 p.m.

cc: General Manager

MEMORANDUM



5. (c) COMMITTEE REPORTS

February 12, 2024

TO: BOARD OF DIRECTORS

FROM: WATER RESOURCES AND FACILITY MANAGEMENT COMMITTEE

SUBJECT: MINUTES OF THE WATER RESOURCES AND FACILITY MANAGEMENT COMMITTEE AND SPECIAL MEETING OF THE BOARD OF DIRECTORS - FEBRUARY 12, 2024

ATTENDANCE: Charles Treviño (Chair) Venessa Navarrette Kelly Gardner
Katarina Garcia (Vice Chair) Jennifer Aguilar
Jennifer Santana Katherine Vazquez
Ed Chavez Steve O'Neill
Tom Love

1. Call to Order.
2. Public Comment.
3. MWD Updates.

The General Manager shared updates related to Pure Water Southern California. He shared that MWD is proposing a 13% and 8% rate increase over the next two years and that water sales are currently at a 50 year low for MWD. He also reported that the rate increase on untreated water is expected to be 11% and 6% over the next two years which is the rate that would affect Upper District. The General Manager shared several alternatives for Pure Water Cost Recovery Alternatives and the rate increases that might come into play to achieve those goals.

Director Treviño asked what the General Manager's recommendation would be to the board at this time given all this information. The General Manager said he would recommend that the Board support MWD in completing and succeeding with this project. He explained that the project will replace Upper District's dependence on SWP, and the producers are encouraging the District to support the project. The General Manager shared that the current MWD board is supportive and that the biggest issue facing Pure Water is figuring out how and who is going to pay for the project. Director Treviño asked if going to a general obligation bond or rate increases would be more likely. The General Manager explained that most of the costs for utilities, including water, are fixed costs with only 20-30% being variable costs. He shared that revenue is the exact opposite with most of the rates being variable and not fixed. Therefore, when water sales are low, revenues are highly impacted. The General Manager shared that general obligation bonds and other tax bonds are only part of a financial picture during the time of the bond and are a more reliable source of funding for a utility. Director Treviño said he would like the board to think about how to proceed and how best to support this project. The General Manager said that the topic will be added to the next agenda for the Administration and Finance Committee to continue the conversation.

The General Manager talked about CAMP4W and the new task force facilitating the interaction between General Managers and the MWD committee. He then shared the new scoring options, evaluative criteria, meetings, and initial draft schedule for completion. He explained that it is too early to tell where this process is truly going, but that he is staying involved through the task force and various other meetings at MWD.

President Santana asked for clarification on the acronym. The General Manager clarified that it stands for Climate Adaptation Master Plan for Water (CAMP4W).

4. Safe Clean Water LA Update.

The General Manager reported that county staff were asked to review the plan and come up with recommendations. He then shared those recommendations with the committee members. He explained that everything seems to be moving smoothly. He also shared that a number of projects have been allocated and both watersheds in the area are now using the majority of their allocated funding.

Director Treviño mentioned that there is a need for more water people to be on the committee and that the process needs to move forward to get more projects out there.

5. LA County Water Plan

The General Manager reported that LA County released their water plan in December 2023. He shared that it is very comprehensive and contains good elements. He indicated that one strategy, Facilitating Groundwater Recharge, seems particularly important for the region. He also shared that the plan helps to keep the County focused and provides the District with an avenue to get the County involved in making plans that move groundwater forward.

6. Building Update.

The General Manager shared that progress is being made on the final punch list of items for the building. He shared that the door in first floor lobby now has a handle and key lock. He also shared that the HVAC contractor came out to balance airflow and that they are still working to solve the problem. The General Manager reported that the EV chargers have been installed but the public chargers are not yet operational due to a software glitch. He explained that the chargers under the building are active and available for use by staff and directors. He also reported that a leak, identified by staff in the upstairs hallway as coming from a pipe on the roof, was fixed and sealed prior to the large rain events of the previous week.

7. Water Supply Update.

The General Manager reported that while the Arcadia station is showing a year to date rainfall average of 107%, the area still needs more rain to finish above average for the year. He shared that Northern California is only at 88% for this time of year and the Colorado River is close to 100%. He also reported that Diamond Valley Lake is nearly full, so local storage is looking good. The General Manager reported that the SWP storage is looking good at Oroville, but San Luis Reservoir is flat lined due to turbidity and an issue pertaining to the Delta Smelt. He also reported that the Key well is currently flatlined at 220 ft. and that he is waiting for an update after the rains earlier this month.

8. Other Matters.

The General Manager shared that Assemblymember Rubio asked Assistant General Manager, Patty Cortez, to coordinate a tour for Assemblymember Papan as the new chair of the Water, Parks and Wildlife committee. The tour will be held on February 23rd from 8:00 am to 4:30 pm and will cover a variety of water agencies, treatment plants, and watershed stops along the way. He shared that directors could join the tour at lunch rather than participating in the whole tour.

NEXT MEETING: Wednesday, March 6, 2024, at 4:30 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. – January 24, 2024**

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 January 24, 2024 at the hour of 4:00 p.m.

ROLL CALL

DIRECTORS PRESENT: Trevino, Chavez, Fellow, Garcia and Santana

DIRECTORS ABSENT: None

STAFF PRESENT: Steven O'Neill, District Counsel; Steve Johnson, District Engineer; Tom Love, General Manager; Patty Cortez, Assistant General Manager, External Affairs; Evelyn Rodriguez, Chief Financial Officer/Chief Administrative Officer; Venessa Navarrette, Executive Assistant; Jennifer Aguilar, Water Use Efficiency Analyst; and Katherine Vazquez, Government and Community Affairs Assistant

OTHERS PRESENT

Lynda Noriega, Lenet Pacheco, David Muse, Che Venegas, Javier Vargas, and Jose Martinez

ADOPTION OF AGENDA

On motion by Director Trevino, seconded by Treasurer Garcia, the agenda was adopted as presented by the following vote:

AYES: TREVIÑO, CHAVEZ, FELLOW, GARCIA, AND SANTANA
NOES: NONE
ABSTAIN: NONE
ABSENT: NONE

PUBLIC COMMENT

None

COMMITTEE REPORTS

Next scheduled committee meeting dates are as follows:

- (a) Government Affairs and Community Outreach – February 5, 2024, at 4:00 p.m.
- (b) Administration and Finance – February 6, 2024, at 4:00 p.m.
- (c) Water Resources and Facility Management – February 7, 2024, at 4:30 p.m.

CONSENT CALENDAR

On motion by Treasurer Garcia, seconded by Director Trevino, the consent calendar was approved by the following vote:

AYE: TREVIÑO, CHAVEZ, FELLOW, GARCIA AND SANTANA
NOES: NONE
ABSTAIN: NONE
ABSENT: NONE

- (a) Minutes of a regular meeting of the Board of Directors held on January 10, 2024, at 4:00 p.m.
- (b) Joint Tax Transfer Resolution – City of Monrovia Reorganization No. 2023-02

**APPOINTMENT OF A
REPRESENTATIVE AND AN
ALTERNATE TO THE
ASSOCIATION OF CALIFORNIA
WATER AGENCIES JOINT POWERS
INSURANCE AUTHORITY (JPIA)**

President Santana requested nominations for a representative and an alternate to the Association of California Water Agencies Joint Powers Insurance Authority (JPIA). She indicated wanting to remain as the representative and Vice President Fellow as the alternate.

On motion by Treasurer Garcia, seconded by Director Treviño, the appointments of President Santana as representative and Vice President Fellow as alternate to ACWA JPIA was unanimously approved by the following vote:

AYE:	TREVIÑO, CHAVEZ, FELLOW, GARCIA AND SANTANA
NOES:	NONE
ABSTAIN:	NONE
ABSENT:	NONE

**APPOINTMENT OF A
REPRESENTATIVE AND AN
ALTERNATE TO THE SAN
GABRIEL VALLEY WATER
ASSOCIATION (SGVWA)**

President Santana requested nominations for a representative and an alternate to the San Gabriel Valley Water Association (SGVWA). Treasurer Garcia stated she will not be able to continue being the representative but could serve an alternate. Vice President Fellow stated he could serve as the representative.

On a motion by Treasurer Garcia, seconded by Secretary Chavez, the appointments of Vice President Fellow as representative and Treasurer Garcia as alternate to the SGVWA was unanimously approved by the following vote:

AYE:	TREVIÑO, CHAVEZ, FELLOW, GARCIA AND SANTANA
NOES:	NONE
ABSTAIN:	NONE
ABSENT:	NONE

**APPOINTMENT OF A
REPRESENTATIVE TO THE SAN
GABRIEL VALLEY PROTECTIVE
ASSOCIATION (SGVPA)**

President Santana requested nominations for a representative to the San Gabriel Valley Protective Association (SGVPA). She stated she would be happy to remain as the representative.

On motion by Director Treviño, seconded by Treasurer Garcia, the appointment of President Santana as representative to the SGVPA was unanimously approved by the following vote:

AYE:	TREVIÑO, CHAVEZ, FELLOW, GARCIA AND SANTANA
NOES:	NONE
ABSTAIN:	NONE
ABSENT:	NONE

**APPOINTMENT OF A DELEGATE
TO THE SAN GABRIEL VALLEY
COUNCIL OF GOVERNMENTS
(SGVCOG)**

President Santana requested nominations for a representative to the San Gabriel Valley Council of Governments (SGVCOG). Treasurer Garcia stated she would like to remain as the representative.

Vice President Fellow and the General Manager discussed including membership renewals in the upcoming budget discussions.

President Santana nominated Treasurer Garcia as representative to the SGVCOG.

On a motion by Vice President Fellow, seconded by Secretary Chavez, the appointment of Treasurer Garcia as representative to the SGVCOG was unanimously approved by the following vote:

AYE:	TREVIÑO, CHAVEZ, FELLOW, GARCIA AND SANTANA
NOES:	NONE
ABSTAIN:	NONE
ABSENT:	NONE

AB 1234 ETHICS OVERVIEW

Steve O'Neill, District Counsel, provided an ethics training to the Board of Directors covering the following topics: AB 1234, Government Code 53232.1 to 5, the Brown Act, and conflicts of interest.

INFORMATION ITEMS

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

Steve O'Neill, District Counsel, reported working on contracts with Evelyn Rodriguez, Chief Financial Officer/Chief Administrative Officer. He also stated working on the AB 1234 Ethics Training presentation.

ENGINEER'S REPORT

The District Engineer reported on hydrologic conditions, basin deliveries, reservoir storage, canyon inflows and releases, rainfall averages as well as USG-3 deliveries during the month of January. He stated that the Baldwin Park Key Well groundwater elevation was 222.8 feet and has dropped four tenths of a foot from prior week. He added that there is an atmospheric river expected to arrive the following week.

The District Engineer discussed the letter agreements with MWD which cover water deliveries to MWD's cyclic storage account, purchased and paid for over time using RDA funds. He stated that the water placed in storage has already been purchased. He added that due to the low State Water Project entitlement of ten percent, MWD cannot deliver water to cyclic storage.

He then reported that as of January 23, 2024, inflow to the San Gabriel Reservoir increased to 150 CFS due to recent storms. He added that as of January 22, 2024, the Puddingstone Dam has decreased to 74 percent of long-term average and the San Gabriel Dam decreased to 91 percent of long-term average. He then reported that 71 wells were sampled in November and eight wells in December under Title 22 and that no notices of well shutdowns due to contamination were received in January.

The District Engineer mentioned receiving a memo containing the new PFAS results prepared for Watermaster and the producers. He noted that Watermaster wants to send the memo to the U.S. EPA, as they had an interest in it, and that the EPA is requesting additional information on PFAS.

GENERAL MANAGER'S REPORT

The General Manager highlighted the District Engineer's statement about the State Water Project's ten percent allocation. He stated that based on MWD's storage policy, MWD will not deliver into cyclic storage programs unless the total storage balance shows a surplus of water to be added compared to water being taken out of storage. He then stated that in 2023, the Board of Directors authorized the General Manager to purchase 10,000 acre-feet of untreated water. However, after Watermaster completed its purchases in December, Upper District was only able to purchase 3,900 acre feet of untreated water. The General Manager stated that Upper District can still purchase the remaining 6,100 acre feet authorized by the Board between January and April if water is available. He added that MWD indicated there is a possibility of obtaining additional water, specifically for groundwater replenishment, as a firm service delivery.

The General Manager reported that on January 23, 2024, the Groundwater Recharge Coordinating Committee met. He added that committee sessions involve providing updates on maintenance activities, including sediment removal at the Cogswell and San Gabriel Reservoirs.

The General Manager announced that MWD is planning a shutdown of the Upper Feeder, impacting three connections within the Upper District service area, from February 5th to February 14th for maintenance and improvements to MWD's distribution system.

The General Manager stated that the elevator is now operational and electric vehicle chargers have been installed.

The General Manager reported that based on a review of Upper District and Three Valleys Municipal Water District's (Three Valleys) boundaries, there were some areas

where the boundaries overlap or do not coincide. He stated that Upper District is working with Three Valleys and a consultant to make the needed modifications and eventually, go through a LAFCO process to approve the proposed boundary changes.

The General announced that a Women in Water Event will be held at the Pomona Valley Mining Co. on January 25, 2024.

Vice President Fellow and the General Manager discussed where the debris removed from the Cogswell and San Gabriel Reservoirs go.

Treasurer Garcia and the General Manager discussed how the boundaries end up overlapping.

Director Treviño left at 5:32 p.m.

DIRECTORS COMMENTS

Secretary Chavez discussed the current political climate.

Treasurer Garcia expressed her excitement for the Women in Water event.

Vice President Fellow reported on ongoing activities at the MWD workshops. He expressed that he would like to have the projects clearly outlined, including details on cost and how they will be funded.

The General Manager provided a brief overview of CAMP4Water, MWD's new process intended to evaluate proposed options for closing its water supply gap.

President Santana concurred with Vice President Fellow's comments.

FUTURE AGENDA ITEMS

President Santana requested presentations on both the Puente Hills Landfill Park Project and the significance of PFAS, expressing concern about its impact on the local water supply.

The General Manager discussed a handout included in the agenda packet listing potential future board workshop topics. He encouraged the Directors to share their feedback on the listed items and suggest additional topics they would like to hear.

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 regular meeting of the Board of Directors to be held on February 14, 2024, at 4:00 p.m. at 248 E. Foothill Blvd., Room #103, Monrovia, CA 91016.

PRESIDENT

ATTEST

SECRETARY

SEAL

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:

22294	Black Bird Fire Protection, Inc.	Inv. 20391011924, Fire Sprinkler Service (Previously paid 01/22/24)	\$	650.00
22295	GMS Elevator Service, Inc.	Inv. 118083, Building Elevator Modernization, Final Payment (Previously paid 01/22/24)		9,582.40
22296	City Electric	Inv. 6879, Webasto EVSEs Installation (Previously paid 01/22/24)		15,150.00
22297	789, Inc.	Inv. USGV-429110, Marketing and Creative Services, February 2024 (Board approved 7/12/23)		5,575.00
22298	Aaron Read & Associates, LLC	Inv. 213167, State Legislative Advocacy Services, December 2023 (Board approved 10/12/22)		10,000.00
22299	Accent Computer Solutions, Inc	Inv. 160515, IT Management Support, December 2023 (Board approved 02/09/22)		2,891.27
22300	ACI Consulting Corporation	Inv. IN-006962, Sage Support, December 2023 Inv. IN-007036, Sage Support, January 2024 Inv. SO-000340, Sage Business Care Renewal through 02/26/25	700.00 100.00 3,549.00	4,349.00
22301	ACWA/JPIA	Inv. 0701571, Health Insurance Premium - February 2024		33,491.76
22302	Aleshire & Wynder, LLP	Professional Services, December 2023 Inv. 83409, Transactional Fees Inv. 83432, Retainer (Board approved 04/13/22)	3,740.00 4,404.00	8,144.00
22303	Azusa Light & Water	Inv. 4579, MAA Program Reimbursement		2,356.30
22304	Best Best & Krieger, LLP	Inv. 984426, Federal Legislative Advocacy Services through 12/31/23 (Board approved 10/12/22)		7,500.00
22305	California Contract Cities	Inv. 515383, 2024 Silver Level Membership Dues		5,000.00
22306	California Water Efficiency	Inv. MD-2024-230, 2024 CalWEP Dues		2,210.24
22307	Civic Publications, Inc.	Inv. 1624, January 2024: 2022-23 Annual Report		5,800.00
22308	CORO Southern California	Inv. 2024-0106-02, Water & Energy Focus Week Sponsorship		1,500.00
22309	Department of Water & Power	Inv. GA434210, Recycled Water Program Permit Fees		83.33
22310	EcoTech Services, Inc.	Inv. 2855, Home Leak Repair Kits, December 2023 Inv. 2923, Landscaping Maintenance, February 2024 (Board approved 06/08/22)	810.00 900.00	1,710.00
22311	Image Property Services, LLC	Inv. MCS-11187, Consumables, December 2023 Inv. MCS-11449, Janitorial Services, January 2024	171.60 1,907.59	2,079.19
22312	Joey C. Soto	Inv. 2023-UD-GA-DEC-111, Grant Writing Services, December 2023 (Board approved 06/08/22)		682.50
22313	John Robinson Consulting, Inc.	Inv. UD202301-08, As-needed Engineering Support Services, December 2023		1,320.00
22314	Luis Aguilar	Inv. 309077, UD Logo Items		27.88
22315	Manny Parras	Inv. GRNT 23-24, Water Education Grant FY 2023-24 (Board approved 12/06/23)		1,000.00
22316	Rene Burquan	Inv. 05/11/24UD, Waterfest Performer, Deposit		500.00
22317	San Gabriel Valley Economic Partnership	Inv. 8026, Leader Level Membership through 01/31/25		20,000.00
22318	San Gabriel Valley Water Association	Inv. 01/01/24, 2024 Associate Dues		100.00
22319	Sheldon Extinguisher Co., Inc.	Inv. 163317, Fire Extinguisher Service		120.00
22320	Stetson Engineers, Inc.	Inv. 2533-212, General Engineering Support Services, November 2023 Inv. 2728-023, General Engineering Support Services, November 2023	16,027.10 370.00	16,397.10
22321	Upper District Payroll Fund	Inv. DEC 23, Reimbursement of Payroll and Payroll Taxes for Employees Inv. DEC 23D, Reimbursement of Payroll Taxes for Directors	146,321.37 9,815.44	156,136.81

22322	Upper District Revolving Fund	Inv. JAN 24, Revolving Fund Account Replenishment - January 2024		
		Office Supplies	832.34	
		Computer Systems/Equipment/Maintenance/Insurance/Outside Service	768.27	
		Directors's Outreach	903.00	
		Telephone/Utilities/Building Maintenance	3,604.49	
		Workers Compensation	2,623.05	
		Water Conservation Program Expenses	939.40	
		WRP Operation & Maintenance/Permits/Water Purchases/PM/Public Info	22,562.25	
		Medical/ODA Reimbursement/Processing Fee/Others	15,498.96	47,731.76
22323	Urban Water Institute	Inv. 02/21/24UD, Spring Water Conference Sponsorship		3,000.00
22324	U.S. Bank Corporate Payment System	CalCard Changes through 01/22/24		
		Membership/Other	460.00	
		Meetings, Travel, Conferences	8,485.43	
		Computer Systems/Office Equipment/Supplies/Maintenance & Service/Utilities	561.45	
		Conservation Program Expenses, Education and Outreach	2,380.68	11,887.56
22325	Willdan Financial Services	Inv. 010-57287, FY 2023/24 Standby Charge Services through January 2024		14,400.04
22326	Bright Horizon Landscape	Inv. 2023211, Parking Lot Renovations		750.00
22327	Webasto Charging Systems, Inc.	Inv. 34000968, TurboConnect Pedestal, Access Control Port	5,280.55	
		Inv. 34001256, TurboConnect DX EV Charging Station	2,355.65	7,636.20
22328	Ed Chavez	Director's Compensation, January 2024		
		10 Days District Business	2,550.00	
		Meeting/Travel Expenses/Allowance	516.87	
		Less Deferred Comp.	(500.00)	
		Less Taxes Withheld	(1,840.04)	726.83
22329	Charles Treviño	Director's Compensation, January 2024		
		10 Days District Business	2,550.00	
		Meeting/Travel Expenses/Allowance	(532.74)	
		Less Deferred Comp.	(500.00)	
		Less Taxes Withheld	(515.91)	1,001.35
22330	Jennifer Santana	Director's Compensation, January 2024		
		7 Days District Business	1,785.00	
		Meeting/Travel Expenses/Allowance	516.87	
		Less Deferred Comp.	(500.00)	
		Less Taxes Withheld	(255.61)	1,546.26
			TOTAL	\$ 403,036.78

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:

1207	Central Basin MWD	Invoice No. USGV-DEC23, Purchase of 2.8 AF of Recycled Water in November 2023 <i>(Previously paid 02/06/24)</i>	\$ 2,023.87
1208	City of Industry City Hall	Invoice No. R12312023-D, Purchase of 19.2 AF of Recycled Water in December 2023	6,624.00
1209	City of Industry City Hall	Invoice No. R12312023-E, CIP Charge for December 2023 @ \$98 per AF	1,881.60
1210	Metropolitan Water District	Invoice No. 11368, Purchase of 302.5 AF of Treated Water and 53,630.10 AF of Untreated Water in December 2023	46,209,511.70
1211	Sanitation Districts of Los Angeles	Invoice No. 42354, Purchase of 1,417.08 AF of Recycled Water in FY 22/23	266,524.59
1212	San Gabriel Valley MWD	Invoice No. 560, 91.44 AF of Water Delivered through the Alhambra/MWD Exchange Agreement in December 2023 @ \$220 per AF	20,116.80
1213	Suburban Water System	Invoice No. 6749, Phase IIB Normal Operating Charge, January 2024	1,836.55
TOTAL			<u>\$ 46,508,519.11</u>

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**UPPER SAN GABRIEL VALLEY MWD
FINANCIAL SUMMARY FOR DECEMBER 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	\$ 279,276	\$ 1,233,359	\$ 2,848,200	\$ 1,614,841	56.7%	YTD expenses are consistent with budgeted numbers and include payment of annual contribution to CalPERS related to Upper District's unfunded accrued liability.
Water Conservation Program	120,869	747,088	2,078,200	1,331,112	64.1%	YTD actuals are consistent with budgeted numbers.
Stormwater Program	3,558	21,348	42,700	21,352	50.0%	YTD actuals are consistent with budgeted numbers.
Water Recycling Program	89,091	749,319	2,178,200	1,428,881	65.6%	As of December 31st, total recycled water purchases is 1,100 AF. However, billing for recycled water purchases from Sanitation Districts will not be reported until February 2024.
Water Quality and Supply Program	58,332	310,055	589,700	279,645	47.4%	YTD actuals are consistent with budgeted numbers.
Water Purchases	1,295,740	13,147,375	39,433,600	26,286,225	66.7%	As of December 31st, Upper District has delivered 1,526 AF of treated water and 61,601 AF of untreated water. Untreated water purchases for December of 49,728 AF will be reported in February 2024.
Operating Expenses	1,846,866	16,208,544	47,170,600	30,962,056	65.6%	As of December 31st, total untreated water sales is 61,601 AF. Untreated water sales for December of 49,728 AF will be reported in February 2024.
Operating Revenues	2,338,756	16,803,390	47,346,100	30,542,710	64.5%	
Net Reserve Activity from Operations (-/+)	491,890	594,846	175,500	n/a	n/a	
Capital Expenditures	28,747	62,315	217,000	154,685	71.3%	
Capital Program Revenues	-	-	-	-	0.0%	
Net Change in Cash Due to Capital Outlays	(28,747)	(62,315)	(217,000)	n/a	n/a	
Total Change in Fund Balances	\$ 463,143	\$ 532,531	\$ (41,500)	n/a	n/a	

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

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	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	454,334	1,509,597	3,692,100	2,182,503	59%
Tier 1 Untreated	-	9,401,037	31,635,000	22,233,963	70%
Upper Surcharge Tier 1 Treated	7,191	150,742	309,000	158,258	51%
Upper Surcharge Tier 1 Untreated	-	1,358,492	3,811,000	2,452,508	64%
MWD Capacity Charge Revenue	-	147,870	353,200	205,330	58%
Gross MWD Standby Charge-Revenue Reconciliation	587,256	1,174,512	1,950,000	775,488	40%
MSGB Watermaster-Ready-to-Serve	6,300	37,800	75,600	37,800	50%
Sub Total	1,055,081	13,780,050	41,825,900	28,045,850	67%
Revolving Revenue					
MSGB Watermaster-SG River Watermaster	-	98,500	105,000	6,500	6%
Sub Total	-	98,500	105,000	6,500	6%
Other Administrative Revenues					
Interest/Investment Earnings	45,002	322,650	83,900	(238,750)	-285%
Taxes	240,831	346,970	500,000	153,030	31%
Other Income (Loss)	2,616	16,356	26,400	10,044	38%
Sub Total	288,449	685,976	610,300	(75,676)	-12%
TOTAL ADMINISTRATIVE REVENUES	1,343,530	14,564,526	42,541,200	27,976,674	66%
CAPITAL PROJECT FUND REVENUES					
Recycled Water Revenues					
Recycled Water Sales	32,633	248,132	624,000	375,868	60%
Upper Recycled Water Surcharge Revenue	116,368	821,409	1,323,000	501,591	38%
Metropolitan Water District LRP Funds	11,431	66,471	128,000	61,529	48%
Parcel/Standby Charge	807,242	860,280	2,050,000	1,189,720	58%
Interest/Investment Earnings	3,176	20,692	14,300	(6,392)	-45%
Sub Total	970,850	2,016,984	4,139,300	2,122,316	51%
Water Conservation Revenues					
Conservation Program Contributions	20,333	177,949	585,000	407,051	70%
Sub Total	20,333	177,949	585,000	407,051	70%
TOTAL CAPITAL PROJECT FUND REVENUES	991,183	2,194,933	4,724,300	2,529,367	54%
OTHER FUND REVENUES					
Water Quality and Supply Program Revenues					
Interest/Investment Earnings	2,331	31,115	75,200	44,085	59%
Sub Total	2,331	31,115	75,200	44,085	59%
Rate Stabilization Fund Revenues					
Interest/Investment Earnings	1,712	12,816	5,400	(7,416)	-137%
Sub Total	1,712	12,816	5,400	(7,416)	-137%
TOTAL OTHER FUND REVENUES	4,043	43,931	80,600	36,669	45%
TOTAL REVENUES	2,338,756	16,803,390	47,346,100	30,542,710	65%

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

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	FY ACTUAL MONTH	FY ACTUAL YEAR-TO-DATE	FY 2023-24 BUDGET	AMOUNT OF BUDGET REMAINING	PERCENT OF BUDGET REMAINING
ADMINISTRATIVE AND OPERATING EXPENSES					50% @12-31-23
<u>Personnel Expenses</u>					
Employee Salaries	133,243	709,849	1,455,000	745,151	51%
Employee Benefits	17,180	122,874	288,000	165,126	57%
Retired Employee Benefits	11,468	57,585	103,000	45,415	44%
Employee Travel/Conference	2,029	9,917	50,000	40,083	80%
Sub Total	163,920	900,225	1,896,000	995,775	53%
<u>Director Expenses</u>					
Director Compensation	23,763	93,081	216,000	122,919	57%
Director Benefits	16,059	76,034	155,000	78,966	51%
Retired Director Benefits	1,214	7,284	33,000	25,716	78%
Director Public Outreach	750	9,037	25,000	15,963	64%
Director Travel/Conference	3,181	17,604	50,000	32,396	65%
Sub Total	44,967	203,040	479,000	275,960	58%
<u>Pension Expense</u>					
CalPERS-Employees, Directors, Retirees	12,781	239,217	500,000	260,783	52%
Sub Total	12,781	239,217	500,000	260,783	52%
<u>Office Expenses</u>					
Office Supplies/Equipment	2,570	12,135	40,000	27,865	70%
Equipment Operations & Maintenance	2,276	6,271	26,000	19,729	76%
Computer Systems	209	21,486	60,000	38,514	64%
Dues and Assessments	-	78,463	75,000	(3,463)	-5%
Meeting Expense	1,651	6,417	35,000	28,583	82%
Sub Total	6,706	124,772	236,000	111,228	47%
<u>Facility Expenses</u>					
Building Maintenance	3,239	29,593	45,000	15,407	34%
Liability/Property Insurance	-	67,855	65,000	(2,855)	-4%
Telephone/Utilities	3,271	23,408	45,000	21,592	48%
Sub Total	6,510	120,856	155,000	34,144	22%
<u>Professional Services</u>					
Legal/Financial	16,868	44,565	112,000	67,435	60%
Engineering	7,770	41,219	145,000	103,781	72%
Auditor	10,025	26,225	31,000	4,775	15%
Outside Services	3,291	52,622	55,000	2,378	4%
Public Information/Outreach	-	970	3,500	2,530	72%
Sub Total	37,954	165,601	346,500	180,899	52%
<u>Other Expenses</u>					
Election Costs	111,796	111,796	500,000	388,204	78%
Sub Total	111,796	111,796	500,000	388,204	78%
<u>Allocation to Projects and Programs</u>					
Salaries/Overhead Allocated to Projects	(105,358)	(632,148)	(1,264,300)	(632,152)	50%
Sub Total	(105,358)	(632,148)	(1,264,300)	(632,152)	50%
TOTAL	279,276	1,233,359	2,848,200	1,614,841	57%
<u>Water Purchases</u>					
Tier 1 Treated	278,043	1,632,214	3,692,100	2,059,886	56%
Tier 1 Untreated	-	9,401,037	31,635,000	22,233,963	70%
MWD Capacity Charge	85,860	171,720	353,200	181,480	51%
MWD Ready-to-Serve Charge	931,837	1,843,904	3,648,300	1,804,396	49%
Sub Total	1,295,740	13,048,875	39,328,600	26,279,725	67%
<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	1,295,740	13,147,375	39,433,600	26,286,225	67%
TOTAL ADMINISTRATIVE EXPENSES	1,575,016	14,380,734	42,281,800	27,901,066	66%

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

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	FY ACTUAL MONTH	FY ACTUAL YEAR-TO-DATE	FY 2023-24 BUDGET	AMOUNT OF BUDGET REMAINING	PERCENT OF BUDGET REMAINING
RECYCLED WATER PROGRAM EXPENSES					
					50% @12-31-23
Water Purchases-Recycled Water	18,419	152,278	624,000	471,722	76%
SWRCB Loan Repayment	-	188,281	791,000	602,719	76%
Salaries and Overhead Allocation	5,433	32,598	65,200	32,602	50%
Standby Charge Development/Implementation	-	3,800	18,500	14,700	79%
Engineering - General	2,640	9,735	52,500	42,765	81%
Lobbyist	7,500	45,000	95,000	50,000	53%
Legal and Financial	-	240	3,000	2,760	92%
Public Information	-	1,597	5,000	3,403	68%
Operation and Maintenance Phase I/IIA	45,071	215,581	361,000	145,419	40%
Operation and Maintenance Phase IIB	10,028	100,209	163,000	62,791	39%
Sub Total	89,091	749,319	2,178,200	1,428,881	66%
TOTAL RECYCLED WATER EXPENSES	89,091	749,319	2,178,200	1,428,881	66%
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	28,747	62,315	100,000	37,685	38%
Sub Total	28,747	62,315	100,000	37,685	38%
TOTAL CAPITAL PROGRAM EXPENSES	28,747	62,315	217,000	154,685	71%
STORMWATER PROGRAM EXPENSES					
Stormwater Program					
Salaries and Overhead Allocation	3,558	21,348	42,700	21,352	50%
Sub Total	3,558	21,348	42,700	21,352	50%
TOTAL STORMWATER EXPENSES	3,558	21,348	42,700	21,352	50%

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

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	FY ACTUAL MONTH	FY ACTUAL YEAR-TO-DATE	FY 2023-24 BUDGET	AMOUNT OF BUDGET REMAINING	PERCENT OF BUDGET REMAINING
WATER CONSERVATION PROGRAM EXPENSES					50% @12-31-23
WATER USE EFFICIENCY					
<u>Residential Programs</u>					
Member Agency Administered Programs	4,185	12,705	335,000	322,295	96%
Regional Rebate Program	25,100	68,929	40,000	(28,929)	-72%
Sub Total	29,285	81,634	375,000	293,366	78%
<u>Commercial/Industrial/Institution Programs</u>					
Member Agency Administered Programs	5,000	86,699	210,000	123,301	59%
Regional Rebate Program	-	-	-	-	0%
Sub Total	5,000	86,699	210,000	123,301	59%
<u>Allocation to Conservation Programs</u>					
Salaries & Overhead	20,942	125,652	251,300	125,648	50%
Sub Total	20,942	125,652	251,300	125,648	50%
TOTAL WATER USE EFFICIENCY EXPENSES	55,227	293,985	836,300	542,315	65%
EDUCATION & COMMUNITY OUTREACH					
<u>Watershed Programs</u>					
Natural Vegetation Restoration Program	44	44	20,000	19,956	100%
Sub Total	44	44	20,000	19,956	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	8,375	86,020	135,000	48,980	36%
Educational Materials/Grant Program	-	(1,000)	55,000	56,000	102%
Educational Outreach Programs/Events	356	6,145	150,000	143,855	96%
Sub Total	8,731	98,735	411,000	312,265	76%
<u>Outreach and Information Programs</u>					
Public Workshops/Seminars	1,500	8,561	40,000	31,439	79%
Conservation Devices/Items	417	11,285	40,000	28,715	72%
Bottled Water Program	352	5,893	15,500	9,607	62%
Community/Industry Sponsorships	500	11,800	35,000	23,200	66%
Displays/Fairs/Presentations	620	1,982	5,000	3,018	60%
Conferences/Meetings	200	3,666	7,000	3,334	48%
Public Information	5,955	29,570	100,000	70,430	70%
Technical Assistance	6,238	36,184	70,000	33,816	48%
Legal/Financial	385	1,183	10,000	8,817	88%
Sub Total	16,167	110,124	322,500	212,376	66%
<u>Allocation to Conservation Programs</u>					
Salaries & Overhead	40,700	244,200	488,400	244,200	50%
Sub Total	40,700	244,200	488,400	244,200	50%
TOTAL EDUCATION & COMMUNITY OUTREACH EXPENSES	65,642	453,103	1,241,900	788,797	64%
TOTAL WATER CONSERVATION EXPENSES	120,869	747,088	2,078,200	1,331,112	64%
WATER QUALITY AND SUPPLY PROGRAM EXPENSES					
<u>Policy 9-00-8 Groundwater Remediation Projects</u>					
Engineering for Water Supply Projects	11,725	39,461	32,000	(7,461)	-23%
Legislative Consultant	10,000	60,000	130,000	70,000	54%
Sub Total	21,725	99,461	162,000	62,539	39%
<u>Other Expenses</u>					
Water Supply Reliability Plan/Emergency Preparedness	-	-	5,000	5,000	100%
Legal and Financial	1,882	2,244	6,000	3,756	63%
Salaries and Overhead Allocation	34,725	208,350	416,700	208,350	50%
Sub Total	36,607	210,594	427,700	217,106	51%
TOTAL WATER QUALITY AND SUPPLY EXPENSES	58,332	310,055	589,700	279,645	47%
TOTAL EXPENSES	1,875,613	16,270,859	47,387,600	31,116,741	66%

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

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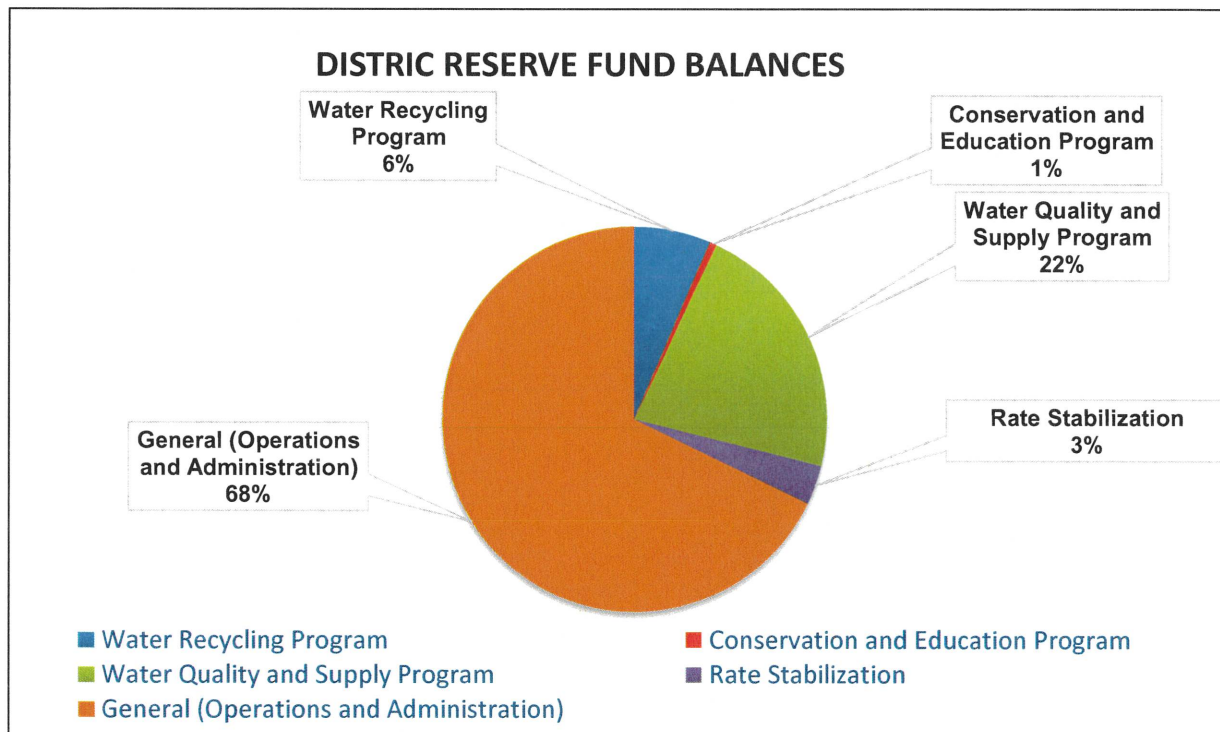
CASH AND INVESTMENT BALANCES

		Amount (\$)
Cash Account Balances		
General Fund-Checking		\$ 464,380.99
Water Fund-Checking		221,967.23
Revolving Fund		42,937.34
Revolving Payroll Fund		153,307.16
Total Cash Account Balances		<u>\$ 882,592.72</u>
Investment Account Balances		
	Market Value	Cost/Book Value
Local Agency Investment Fund	\$ 13,347,601.89	\$ 13,347,601.89
Other Investments	5,756,031.44	5,797,507.98
Total Investment Account Balances	<u>\$ 19,103,633.33</u>	<u>\$ 19,145,109.87</u>
Total Cash and Investment Balances		<u>\$ 19,986,226.05</u>

DISTRICT FUND BALANCES

Capital Program Fund:		
Water Recycling Program	\$ 1,287,727.00	
Conservation and Education Program	107,554.00	
Water Quality and Supply Program	4,385,574.00	
Sub Total	<u>5,780,855.00</u>	
Rate Stabilization Fund	655,764.00	
General Fund (Operations and Administration)	13,549,607.05	
Total Fund Balances	<u>\$ 19,986,226.05</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.





Board of Directors:
Anthony R. Fellow, Ph.D.,
Division 1

Charles M. Treviño,
Division 2

Ed Chavez,
Division 3

Katarina Garcia,
Division 4

Jennifer Santana,
Division 5

DATE: December 31, 2023
TO: Board of Directors
FROM: District Treasurer Katarina Garcia
SUBJECT: Quarterly Report Regarding District Investments

The Board of Directors of the Upper San Gabriel Valley Municipal Water District (Upper District) has adopted a policy regarding the investment of Upper District funds. The policy established specific guidelines for District investment activity, delegated investment responsibility and authority to the General Manager and set forth requirements for the Treasurer of the Board to oversee all Upper District investment transactions and make regular reports to the Board regarding Upper District investments. This letter is the Treasurer's Report of Upper District investment activity for the quarter ended December 31, 2023.

As of December 31, 2023, Upper District had \$13,347,601.89 invested in the State of California's Local Agency Investment Fund (LAIF), which earned 4.00% during the quarter.

Upper District investments managed by Chandler Asset Management has a total market value of \$5,286,128.81 as of December 31, 2023. Details are as follows:

<u>Security Type</u>	<u>Cost/Book Value</u>	<u>Market Value</u>
Agency	\$ 1,782,350.71	\$ 1,796,921.35
Money Market Fund	54,000.95	54,000.95
U.S. Corporate	517,432.10	516,515.69
U.S. Treasury	2,737,017.15	2,711,575.15
Supranational	204,738.70	207,115.67
Totals	\$ 5,295,539.61	\$ 5,286,128.81

Upper District investments through Great Pacific Securities has a total market value of \$469,902.63 as of quarter end. Details are as follows:

<u>Security Type</u>	<u>Cost/Book Value</u>	<u>Market Value</u>
Cash Balance	2,588.67	2,588.67
U.S. Treasury	499,379.70	467,313.96
Totals	\$ 501,968.37	\$ 469,902.63

To the best of my knowledge, as Treasurer of the Upper District, this report is an accurate representation of Upper District investments and these investments comply with Upper District's investment policy and applicable statutes. Detailed information regarding all Upper District investments is attached with this memorandum for your review.

//Attachments



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

January 03, 2024

[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

December 2023 Statement

Effective Date	Transaction Date	Tran Type	Confirm Number	Web Confirm Number	Authorized Caller	Amount
12/6/2023	12/5/2023	RW	1743532	N/A	EVELYN RODRIGUEZ	-500,000.00

Account Summary

Total Deposit:	0.00	Beginning Balance:	13,847,601.89
Total Withdrawal:	-500,000.00	Ending Balance:	13,347,601.89



PMIA/LAIF Performance Report as of 1/17/24



Quarterly Performance Quarter Ended 12/31/23

LAIF Apportionment Rate ⁽²⁾ :	4.00
LAIF Earnings Ratio ⁽²⁾ :	0.00010932476863589
LAIF Administrative Cost ^{(1)*} :	0.29
LAIF Fair Value Factor ⁽¹⁾ :	0.993543131
PMIA Daily ⁽¹⁾ :	3.96
PMIA Quarter to Date ⁽¹⁾ :	3.81
PMIA Average Life ⁽¹⁾ :	230

PMIA Average Monthly Effective Yields⁽¹⁾

December	3.929
November	3.843
October	3.670
September	3.534
August	3.434
July	3.305**

Pooled Money Investment Account Monthly Portfolio Composition ⁽¹⁾ 12/31/23 \$158.0 billion

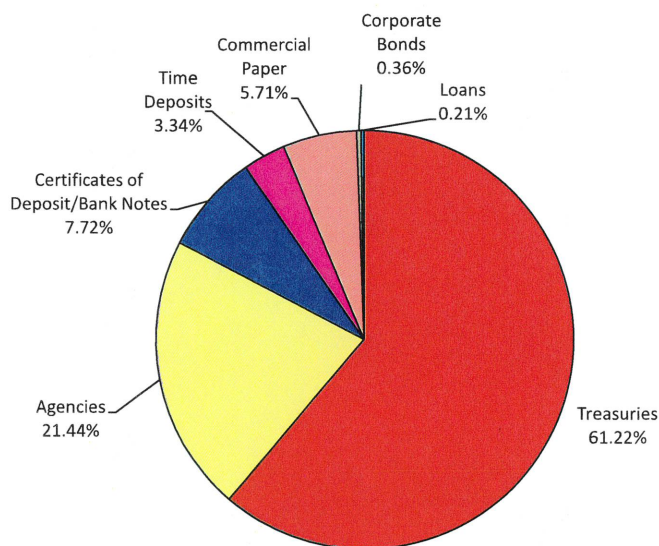


Chart does not include \$2,164,000.00 in mortgages, which equates to 0.001%. Percentages may not total 100% due to rounding.

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

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

*The percentage of administrative cost equals the total administrative cost divided by the quarterly interest earnings. The law provides that administrative costs are not to exceed 5% of quarterly EARNINGS of the fund. However, if the 13-week Daily Treasury Bill Rate on the last day of the fiscal year is below 1%, then administrative costs shall not exceed 8% of quarterly EARNINGS of the fund for the subsequent fiscal year.

** Revised

Source:

⁽¹⁾ State of California, Office of the Treasurer

⁽²⁾ State of California, Office of the Controller



State of California

Pooled Money Investment Account

Market Valuation

12/31/2023

Description	Carrying Cost Plus		Fair Value	Accrued Interest
	Accrued Interest	Purch. Amortized Cost		
United States Treasury:				
Bills	\$ 26,992,679,410.54	\$ 27,341,582,810.63	\$ 27,352,122,000.00	NA
Notes	\$ 68,988,369,285.87	\$ 68,970,726,643.78	\$ 68,066,367,000.00	\$ 380,047,413.50
Federal Agency:				
SBA	\$ 273,825,056.61	\$ 273,825,056.61	\$ 273,117,626.86	\$ 1,326,636.53
MBS-REMICs	\$ 2,164,861.02	\$ 2,164,861.02	\$ 2,133,161.33	\$ 9,501.16
Debentures	\$ 8,533,332,561.10	\$ 8,532,907,561.09	\$ 8,460,384,650.00	\$ 60,973,579.20
Debentures FR	\$ -	\$ -	\$ -	\$ -
Debentures CL	\$ 650,000,000.00	\$ 650,000,000.00	\$ 639,238,500.00	\$ 4,456,111.50
Discount Notes	\$ 21,584,982,812.45	\$ 21,861,271,194.36	\$ 21,856,617,000.00	NA
Supranational Debentures	\$ 2,819,756,450.14	\$ 2,819,512,700.14	\$ 2,788,881,800.00	\$ 20,848,175.60
Supranational Debentures FR	\$ -	\$ -	\$ -	\$ -
CDs and YCDs FR	\$ -	\$ -	\$ -	\$ -
Bank Notes	\$ -		\$ -	\$ -
CDs and YCDs	\$ 12,200,000,000.00	\$ 12,200,000,000.00	\$ 12,207,619,357.44	\$ 162,478,416.67
Commercial Paper	\$ 9,014,594,527.68	\$ 9,116,638,444.29	\$ 9,117,150,756.95	NA
Corporate:				
Bonds FR	\$ -	\$ -	\$ -	\$ -
Bonds	\$ 566,929,562.48	\$ 566,697,340.26	\$ 551,864,240.00	\$ 3,944,225.38
Repurchase Agreements	\$ -	\$ -	\$ -	\$ -
Reverse Repurchase	\$ -	\$ -	\$ -	\$ -
Time Deposits	\$ 5,284,000,000.00	\$ 5,284,000,000.00	\$ 5,284,000,000.00	NA
PMIA & GF Loans	\$ 325,717,000.00	\$ 325,717,000.00	\$ 325,717,000.00	NA
TOTAL	\$ 157,236,351,527.89	\$ 157,945,043,612.18	\$ 156,925,213,092.58	\$ 634,084,059.54

Fair Value Including Accrued Interest

\$ 157,559,297,152.12

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

The value of each participating dollar equals the fair value divided by the amortized cost (0.993543131). As an example: if an agency has an account balance of \$20,000,000.00, then the agency would report its participation in the LAIF valued at \$19,870,862.61 or \$20,000,000.00 x 0.993543131.



Pooled Money Investment Account
Portfolio as of 12-31-2023

PAR VALUES MATURING BY DATE AND TYPE

Maturities in Millions of Dollars¹

ITEM	1 day to 30 days	31 days to 60 days	61 days to 90 days	91 days to 120 days	121 days to 150 days	151 days to 180 days	181 days to 210 days	211 days to 270 days	271 days to 1 year	1 year to 2 years	2 years to 3 years	3 years to 4 years	4 years to 5 year/out	Total	Weight (%) of Total)
TREASURY	\$ 5,450	\$ 14,400	\$ 8,100	\$ 2,900	\$ 8,050	\$ 5,900	\$ 2,400	\$ 11,300	\$ 12,500	\$ 21,800	\$ 3,300	\$ 300	\$ 350	\$ 96,750	60.78%
AGENCY ²	\$ 3,024	\$ 3,048	\$ 10,350	\$ 3,550	\$ 3,000	\$ 1,150	\$ 1,355	\$ 1,433	\$ 1,675	\$ 4,225	\$ 2,050	\$ 300		\$ 35,160	22.09%
CDs + BNs	\$ 1,600	\$ 1,300	\$ 3,600	\$ 1,600	\$ 550	\$ 1,050	\$ 800	\$ 1,000	\$ 700					\$ 12,200	7.66%
CP	\$ 1,650	\$ 1,850	\$ 2,975	\$ 1,250	\$ 550	\$ 450	\$ 450	\$ 50						\$ 9,225	5.80%
TDs	\$ 1,387	\$ 812	\$ 1,057	\$ 608	\$ 891	\$ 530								\$ 5,284	3.32%
CORP BND	\$ 10	\$ 25	\$ -	\$ 20	\$ 24	\$ 30		\$ 50		\$ 163	\$ 139	\$ 60	\$ 45	\$ 566	0.36%
REPO														\$ -	0.00%
BAs														\$ -	0.00%
TOTAL	\$ 13,121	\$ 21,435	\$ 26,082	\$ 9,928	\$ 13,065	\$ 9,110	\$ 5,005	\$ 13,833	\$ 14,875	\$ 26,188	\$ 5,489	\$ 660	\$ 395	\$ 159,185	100.00%
Percent	8.24%	13.47%	16.38%	6.24%	8.21%	5.72%	3.14%	8.69%	9.34%	16.45%	3.45%	0.41%	0.25%		
Cumulative %	8.24%	21.71%	38.09%	44.33%	52.54%	58.26%	61.40%	70.09%	79.44%	95.89%	99.34%	99.75%	100.00%		

¹ Figures are rounded to the nearest million. Percentages may be off due to rounding. Totals do not include PMIA and General Fund loans.

² SBA Floating Rate Securities are represented at coupon change date. Mortgages are represented at current book value.



Upper San Gabriel Valley Municipal Water District - Account #10214

MONTHLY ACCOUNT STATEMENT

DECEMBER 1, 2023 THROUGH DECEMBER 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	2.75%
Average Purchase YTM	2.86%
Average Market YTM	4.67%
Average S&P/Moody Rating	AA+/Aaa
Average Final Maturity	1.39 yrs
Average Life	1.37 yrs

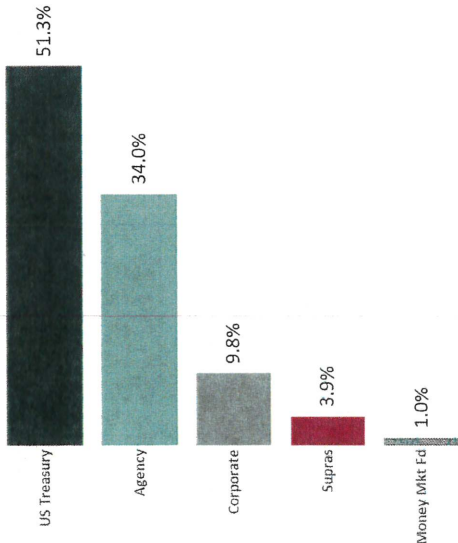
ACCOUNT SUMMARY

	Beg. Values as of 11/30/23	End Values as of 12/31/23
Market Value	5,209,419	5,254,563
Accrued Interest	29,429	31,565
Total Market Value	5,238,848	5,286,129
Income Earned	11,650	12,254
Cont./WD		-626
Par	5,302,281	5,313,001
Book Value	5,291,804	5,301,296
Cost Value	5,285,735	5,295,540

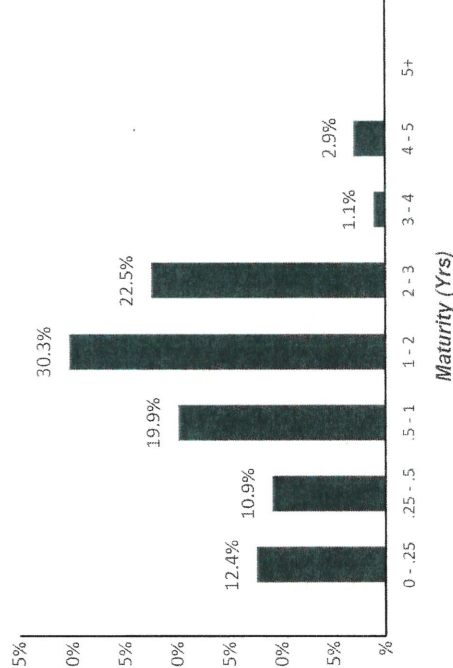
TOP ISSUERS

Government of United States	51.3%
Federal Farm Credit Bank	20.1%
Federal Home Loan Bank	13.9%
Inter-American Dev Bank	2.9%
Wal-Mart Stores	1.2%
Bank of New York	1.2%
Microsoft	1.2%
Paccar Financial	1.1%
Total	92.9%

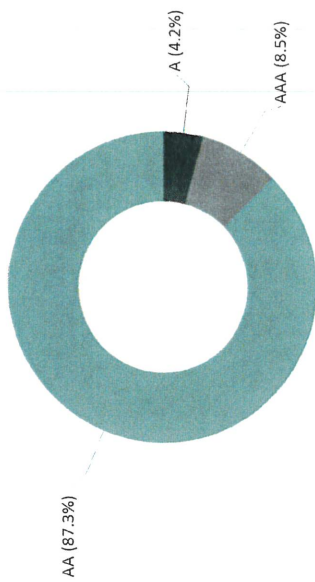
SECTOR ALLOCATION



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	0.91%	2.19%	4.71%	4.71%	1.23%	0.71%	1.61%	N/A	1.26%
ICE BofA 0-3 Yr US Treasury Index*	0.92%	2.15%	4.53%	4.53%	1.07%	0.59%	1.51%	N/A	1.17%

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

Statement of Compliance

As of December 31, 2023



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
U.S. Treasuries	No limitation; 5 year max maturity	Complies
Federal Agencies	60% max for Federal Agency obligations that do not have a guarantee by the U.S. Government; No limitation for Federal Agencies guaranteed by the U.S. Government; 5 year maximum maturity	Complies
Supranational 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
Negotiable 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
Certificates of Deposit/ 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
Local Agency Investment Fund (LAIF)	Maximum amount permitted by State Treasury policy	Complies
Local Government Investment Pools		Complies
Money 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
Maximum Maturity	5 years	Complies



BOOK VALUE RECONCILIATION		CASH TRANSACTION SUMMARY	
BEGINNING BOOK VALUE		BEGINNING BALANCE	\$113,281.08
<u>Acquisition</u>		<u>Acquisition</u>	
+ Security Purchases	\$278,159.42	Contributions	\$0.00
+ Money Market Fund Purchases	\$219,646.41	Security Sale Proceeds	\$0.00
+ Money Market Contributions	\$0.00	Accrued Interest Received	\$0.00
+ Security Contributions	\$0.00	Interest Received	\$9,264.75
+ Security Transfers	\$0.00	Dividend Received	\$381.66
Total Acquisitions	\$497,805.83	Principal on Maturities	\$210,000.00
<u>Dispositions</u>		Interest on Maturities	\$0.00
- Security Sales	\$0.00	Calls/Redemption (Principal)	\$0.00
- Money Market Fund Sales	\$278,300.74	Interest from Calls/Redemption	\$0.00
- MMF Withdrawals	\$625.80	Principal Paydown	\$0.00
- Security Withdrawals	\$0.00	Total Acquisitions	\$219,646.41
- Security Transfers	\$0.00	<u>Dispositions</u>	
- Other Dispositions	\$0.00	Withdrawals	\$625.80
- Maturities	\$210,000.00	Security Purchase	\$278,159.42
- Calls	\$0.00	Accrued Interest Paid	\$141.32
- Principal Paydowns	\$0.00	Total Dispositions	\$278,926.54
Total Dispositions	\$488,926.54	ENDING BOOK VALUE	\$54,000.95
<u>Amortization/Accretion</u>			
+/- Net Accretion	\$612.73		
<u>Gain/Loss on Dispositions</u>			
+/- Realized Gain/Loss	\$0.00		
ENDING BOOK VALUE	\$5,301,296.41		

Upper San Gabriel Valley Municipal Water District

Holdings Report

Account #10214

As of December 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									
3133EMRZ7	FFCB Note 0.25% Due 2/26/2024	85,000.00	02/22/2021 0.26%	84,969.40 84,998.44	99.23 5.34%	84,343.46 73.78	1.60% (654.98)	Aaa / AA+ AA+	0.16 0.15
3130AOXE5	FHLB Note 3.25% Due 3/8/2024	70,000.00	06/13/2022 3.23%	70,016.80 70,001.78	99.60 5.37%	69,719.37 714.10	1.33% (282.41)	Aaa / AA+ NR	0.19 0.18
3130ASDS5	FHLB Note 2.75% Due 6/28/2024	60,000.00	06/09/2022 2.87%	59,860.80 59,966.73	98.82 5.21%	59,290.80 13.75	1.12% (675.93)	Aaa / AA+ NR	0.49 0.48
3130ATT31	FHLB Note 4.5% Due 10/3/2024	75,000.00	10/27/2022 4.56%	74,918.25 74,968.04	99.64 4.98%	74,730.30 825.00	1.43% (237.74)	Aaa / AA+ NR	0.76 0.73
3133ENS43	FFCB Note 4.375% Due 10/17/2024	100,000.00	10/11/2022 4.44%	99,875.00 99,950.41	99.51 5.00%	99,512.90 899.31	1.90% (437.51)	Aaa / AA+ AA+	0.80 0.76
3130AQF40	FHLB Note 1% Due 12/20/2024	75,000.00	12/21/2021 1.03%	74,934.00 74,978.64	96.40 4.85%	72,299.55 22.92	1.37% (2,679.09)	Aaa / AA+ NR	0.97 0.94
3133ENKS8	FFCB Note 1.125% Due 1/6/2025	40,000.00	01/06/2022 1.20%	39,910.00 39,969.40	96.64 4.55%	38,657.76 218.75	0.74% (1,311.64)	Aaa / AA+ AA+	1.02 0.98
3133ENPG9	FFCB Note 1.75% Due 2/14/2025	70,000.00	02/10/2022 1.84%	69,813.10 69,930.02	96.95 4.57%	67,867.80 466.18	1.29% (2,062.22)	Aaa / AA+ AA+	1.13 1.08
3133ENPY0	FFCB Note 1.75% Due 2/25/2025	100,000.00	03/09/2022 1.90%	99,578.00 99,835.80	96.78 4.66%	96,777.20 612.50	1.84% (3,058.60)	Aaa / AA+ AA+	1.16 1.11
3130AUZC1	FHLB Note 4.625% Due 3/14/2025	100,000.00	03/23/2023 4.18%	100,823.00 100,499.96	100.02 4.61%	100,015.60 1,374.65	1.92% (484.36)	Aaa / AA+ NR	1.20 1.14
3133EPC37	FFCB Note 4.875% Due 11/13/2025	100,000.00	11/27/2023 4.93%	99,891.00 99,896.18	100.93 4.35%	100,934.50 650.00	1.92% 1,038.32	Aaa / AA+ NR	1.87 1.76
3133EPL37	FFCB Note 4.625% Due 12/8/2025	100,000.00	12/18/2023 4.50%	100,230.00 100,225.85	100.54 4.33%	100,543.90 295.49	1.91% 318.05	Aaa / AA+ NR	1.94 1.83
3133EN7J3	FFCB Note 3.875% Due 2/2/2026	69,000.00	02/15/2023 4.51%	67,798.71 68,152.88	99.23 4.26%	68,468.42 1,106.64	1.32% 315.54	Aaa / AA+ AA+	2.09 1.95
3133EPCF0	FFCB Note 4.5% Due 3/2/2026	100,000.00	03/23/2023 3.97%	101,445.00 101,064.24	100.37 4.32%	100,370.70 1,487.50	1.93% (693.54)	Aaa / AA+ AA+	2.17 2.02
3133EPT77	FFCB Note 3.75% Due 4/13/2026	100,000.00	04/10/2023 3.99%	99,332.00 99,492.30	99.07 4.18%	99,065.90 812.50	1.89% (426.40)	Aaa / AA+ AA+	2.28 2.15
3130AWLZ1	FHLB Note 4.75% Due 6/12/2026	90,000.00	07/19/2023 4.45%	90,720.00 90,607.71	101.25 4.20%	91,127.52 225.63	1.73% 519.81	Aaa / AA+ NR	2.45 2.29

Upper San Gabriel Valley Municipal Water District

Holdings Report

Account #10214

As of December 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									
3133EPZY4	FFCB Note 5% Due 7/30/2026	100,000.00	10/30/2023 5.01%	99,970.00 99,971.85	102.09 4.14%	102,085.30 847.22	1.95% 2,113.45	Aaa / AA+ NR	2.58 2.39
3133EPUW3	FFCB Note 4.75% Due 9/1/2026	95,000.00	10/23/2023 4.99%	94,392.00 94,432.22	101.51 4.14%	96,438.40 1,504.17	1.85% 2,006.18	Aaa / AA+ AA+	2.67 2.45
3130AXU63	Federal Home Loan Banks Note 4.625% Due 11/17/2026	105,000.00	11/16/2023 4.69%	104,814.15 104,821.78	101.41 4.10%	106,482.50 593.54	2.03% 1,660.72	Aaa / AA+ NR	2.88 2.66
3130AWTR1	FHLB Note 4.375% Due 9/8/2028	150,000.00	09/15/2023 4.51%	149,059.50 149,113.85	101.84 3.94%	152,766.15 2,679.69	2.94% 3,652.30	Aaa / AA+ NR	4.69 4.14
Total Agency				1,782,350.71 1,782,878.08	4.49%	1,781,498.03 15,423.32	33.99% (1,380.05)	Aaa / AA+ AA+	1.88 1.74
CORPORATE									
14913R2S5	Caterpillar Financial Service Note 0.95% Due 1/10/2024	50,000.00	01/14/2022 1.07%	49,886.00 49,998.58	99.90 4.88%	49,950.65 225.63	0.95% (47.93)	A2 / A A+	0.03 0.02
24422EVN6	John Deere Capital Corp Note 0.45% Due 1/17/2024	50,000.00	03/09/2022 1.98%	48,619.50 49,967.37	99.79 5.10%	49,896.60 102.50	0.95% (70.77)	A2 / A A+	0.05 0.04
09247XAL5	Blackrock Inc Note 3.5% Due 3/18/2024	50,000.00	05/11/2022 2.82%	50,606.50 50,069.19	99.57 5.50%	49,782.95 500.69	0.95% (286.24)	Aa3 / AA- NR	0.21 0.21
023135BW5	Amazon.com Inc Note 0.45% Due 5/12/2024	40,000.00	05/10/2021 0.50%	39,941.60 39,992.97	98.23 5.40%	39,293.12 24.50	0.74% (699.85)	A1 / AA AA-	0.36 0.36
69371RR81	Paccar Financial Corp Note 3.15% Due 6/13/2024	60,000.00	06/06/2022 3.16%	59,986.20 59,996.90	98.92 5.61%	59,349.54 94.50	1.12% (647.36)	A1 / A+ NR	0.45 0.44
037833BG4	Apple Inc Note 3.2% Due 5/13/2025	50,000.00	05/11/2022 3.02%	50,260.50 50,118.37	97.96 4.75%	48,982.15 213.33	0.93% (1,136.22)	Aaa / AA+ NR	1.37 1.31
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	98.97 5.75%	64,328.55 111.48	1.22% (671.45)	A1 / A AA-	1.45 0.44
194162AM5	Colgate Palmolive Co. Note 3.1% Due 8/15/2025	25,000.00	08/01/2022 3.13%	24,977.00 24,987.64	97.81 4.52%	24,451.30 292.78	0.47% (536.34)	Aa3 / AA- NR	1.62 1.54
931142EW9	Wal-Mart Stores Note 3.9% Due 9/9/2025	65,000.00	Various 3.84%	65,103.50 65,058.27	99.01 4.51%	64,354.03 788.67	1.23% (704.24)	Aa2 / AA AA	1.69 1.60



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									
594918BJ2	Microsoft Callable Note Cont 8/3/2025 3.125% Due 11/3/2025	65,000.00	01/24/2023 4.28%	63,051.30 63,706.00	97.61 4.49%	63,445.46 327.26	1.21% (260.54)	Aaa / AAA NR	1.84 1.75
Total Corporate		520,000.00	2.85%	517,432.10 518,895.29	5.07%	513,834.35 2,681.34	9.77% (5,060.94)	Aa3 / AA- AA-	0.94 0.78
MONEY MARKET FUND									
31846V203	First American Govt Obligation Fund Class Y	54,000.95	Various 4.98%	54,000.95 54,000.95	1.00 4.98%	54,000.95 0.00	1.02% 0.00	Aaa / AAA AAA	0.00 0.00
Total Money Market Fund		54,000.95	4.98%	54,000.95 54,000.95	4.98%	54,000.95 0.00	1.02% 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 49,998.76	99.02 5.26%	49,511.45 812.50	0.95% (487.31)	Aaa / AAA AAA	0.50 0.48
4581X0EKO	Inter-American Dev Bank Note 4.5% Due 5/15/2026	100,000.00	06/27/2023 4.53%	99,923.00 99,936.20	100.62 4.22%	100,623.20 575.00	1.91% 687.00	Aaa / AAA AAA	2.37 2.22
45950KDF4	International Finance Corp Note 4.375% Due 1/15/2027	55,000.00	11/29/2023 4.49%	54,820.70 54,824.80	100.78 4.10%	55,426.42 167.10	1.05% 601.62	Aaa / AAA NR	3.04 2.81
Total Supranational		205,000.00	4.21%	204,738.70 204,759.76	4.44%	205,561.07 1,554.60	3.92% 801.31	Aaa / AAA AAA	2.10 1.96
US TREASURY									
91282CBE0	US Treasury Note 0.125% Due 1/15/2024	100,000.00	01/12/2021 0.24%	99,644.53 99,995.46	99.82 4.64%	99,816.10 57.74	1.89% (179.36)	Aaa / AA+ AA+	0.04 0.04
91282CBM2	US Treasury Note 0.125% Due 2/15/2024	100,000.00	02/16/2021 0.20%	99,761.72 99,990.19	99.38 5.12%	99,379.20 47.21	1.88% (610.99)	Aaa / AA+ AA+	0.13 0.12
91282CBR1	US Treasury Note 0.25% Due 3/15/2024	100,000.00	03/10/2021 0.33%	99,769.53 99,984.44	99.00 5.13%	99,003.90 74.18	1.87% (980.54)	Aaa / AA+ AA+	0.21 0.20

Upper San Gabriel Valley Municipal Water District

Holdings Report

Account #10214

As of December 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									
912797JM0	US Treasury Bill 5.188% Due 4/9/2024	125,000.00	12/21/2023 5.34%	123,108.72 123,216.79	98.57 5.34%	123,216.79 0.00	2.33% 0.00	P-1 / A-1+ F-1+	0.27 0.27
91282CBV2	US Treasury Note 0.375% Due 4/15/2024	100,000.00	04/14/2021 0.36%	100,035.16 100,003.37	98.63 5.19%	98,625.00 79.92	1.87% (1,378.37)	Aaa / AA+ AA+	0.29 0.29
91282CCC3	US Treasury Note 0.25% Due 5/15/2024	100,000.00	05/12/2021 0.35%	99,707.03 99,963.85	98.20 5.15%	98,203.10 32.28	1.86% (1,760.75)	Aaa / AA+ AA+	0.37 0.37
91282CCG4	US Treasury Note 0.25% Due 6/15/2024	100,000.00	06/09/2021 0.31%	99,820.31 99,972.78	97.82 5.15%	97,816.40 11.61	1.85% (2,156.38)	Aaa / AA+ AA+	0.46 0.45
91282CCL3	US Treasury Note 0.375% Due 7/15/2024	100,000.00	07/13/2021 0.42%	99,863.28 99,975.55	97.52 5.08%	97,523.40 173.23	1.85% (2,452.15)	Aaa / AA+ AA+	0.54 0.53
912828YE4	US Treasury Note 1.25% Due 8/31/2024	100,000.00	08/05/2021 0.39%	102,605.47 100,564.79	97.55 5.04%	97,550.80 422.39	1.85% (3,013.99)	Aaa / AA+ AA+	0.67 0.65
91282CCX7	US Treasury Note 0.375% Due 9/15/2024	100,000.00	09/10/2021 0.44%	99,804.69 99,954.02	96.84 4.98%	96,843.80 111.26	1.83% (3,110.22)	Aaa / AA+ AA+	0.71 0.69
91282CDB4	US Treasury Note 0.625% Due 10/15/2024	100,000.00	10/14/2021 0.63%	99,992.19 99,997.95	96.72 4.91%	96,718.80 133.20	1.83% (3,279.15)	Aaa / AA+ AA+	0.79 0.77
912828YM6	US Treasury Note 1.5% Due 10/31/2024	100,000.00	09/23/2021 0.52%	103,003.91 100,805.99	97.29 4.86%	97,289.10 255.49	1.85% (3,516.89)	Aaa / AA+ AA+	0.84 0.81
91282CDH1	US Treasury Note 0.75% Due 11/15/2024	100,000.00	11/29/2021 0.81%	99,816.41 99,945.82	96.50 4.89%	96,503.90 96.84	1.83% (3,441.92)	Aaa / AA+ AA+	0.88 0.85
912828YV6	US Treasury Note 1.5% Due 11/30/2024	75,000.00	09/29/2021 0.57%	77,188.48 75,631.77	96.99 4.90%	72,744.15 98.36	1.38% (2,887.62)	Aaa / AA+ AA+	0.92 0.89
91282CDN8	US Treasury Note 1% Due 12/15/2024	100,000.00	12/09/2021 1.00%	100,003.91 100,001.25	96.43 4.86%	96,433.60 46.45	1.83% (3,567.65)	Aaa / AA+ AA+	0.96 0.93
91282CDS7	US Treasury Note 1.125% Due 1/15/2025	100,000.00	03/16/2022 2.06%	97,437.50 99,059.18	96.33 4.78%	96,330.40 519.70	1.83% (2,728.78)	Aaa / AA+ AA+	1.04 1.01
912828ZF0	US Treasury Note 0.5% Due 3/31/2025	100,000.00	04/04/2022 2.63%	93,921.88 97,465.13	95.08 4.60%	95,082.00 127.05	1.80% (2,383.13)	Aaa / AA+ AA+	1.25 1.22
91282CEH0	US Treasury Note 2.625% Due 4/15/2025	100,000.00	04/27/2022 2.72%	99,738.28 99,886.42	97.55 4.60%	97,550.80 559.43	1.86% (2,335.62)	Aaa / AA+ AA+	1.29 1.24
91282CEQ0	US Treasury Note 2.75% Due 5/15/2025	100,000.00	06/01/2022 2.84%	99,738.28 99,878.61	97.63 4.54%	97,632.80 355.08	1.85% (2,245.81)	Aaa / AA+ AA+	1.37 1.32

Upper San Gabriel Valley Municipal Water District

Holdings Report

Account #10214

As of December 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									
91282CEY3	US Treasury Note 3% Due 7/15/2025	100,000.00	09/29/2022 4.28%	96,667.97 98,165.59	97.82 4.48%	97,816.40 1,385.87	1.88% (349.19)	Aaa / AA+ AA+	1.54 1.46
91282CFE6	US Treasury Note 3.125% Due 8/15/2025	100,000.00	05/31/2023 4.32%	97,503.91 98,166.64	98.01 4.41%	98,007.80 1,180.37	1.88% (158.84)	Aaa / AA+ AA+	1.62 1.54
91282CFP1	US Treasury Note 4.25% Due 10/15/2025	120,000.00	12/12/2022 4.15%	120,318.75 120,200.72	99.81 4.36%	119,775.00 1,086.89	2.29% (425.72)	Aaa / AA+ AA+	1.79 1.69
91282CGA3	US Treasury Note 4% Due 12/15/2025	120,000.00	12/15/2022 3.96%	120,150.00 120,097.81	99.46 4.29%	119,357.76 222.95	2.26% (740.05)	Aaa / AA+ AA+	1.96 1.86
91282CGE5	US Treasury Note 3.875% Due 1/15/2026	45,000.00	01/24/2023 3.89%	44,977.15 44,984.32	99.24 4.27%	44,657.24 805.54	0.86% (327.08)	Aaa / AA+ AA+	2.04 1.91
91282CHB0	US Treasury Note 3.625% Due 5/15/2026	140,000.00	05/23/2023 3.98%	138,610.94 138,894.63	98.84 4.14%	138,375.72 655.29	2.63% (518.91)	Aaa / AA+ AA+	2.37 2.24
91282CHU8	US Treasury Note 4.375% Due 8/15/2026	100,000.00	08/24/2023 4.69%	99,144.53 99,246.15	100.67 4.10%	100,671.90 1,652.51	1.94% 1,425.75	Aaa / AA+ AA+	2.62 2.42
91282CHY0	US Treasury Note 4.625% Due 9/15/2026	125,000.00	09/15/2023 4.72%	124,682.62 124,713.11	101.39 4.07%	126,743.13 1,715.32	2.43% 2,030.02	Aaa / AA+ AA+	2.71 2.49
Total US Treasury		2,750,000.00	2.16%	2,737,017.15 2,740,762.33	4.72%	2,699,668.99 11,906.16	51.30% (41,093.34)	Aaa / AA+ AA+	1.13 1.07
TOTAL PORTFOLIO		5,313,000.95	2.86%	5,295,539.61 5,301,296.41	4.67%	5,254,563.39 31,565.42	100.00% (46,733.02)	Aaa / AA+ AA+	1.39 1.29
TOTAL MARKET VALUE PLUS ACCRUED						5,286,128.81			



GREAT PACIFIC
SECURITIES
151 Madison Drive, Suite 100, Costa Mesa, CA 92626
714-441-1800 fax 714-441-1819

Brokerage Account Statement

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

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

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

Portfolio at a Glance

	This Period
BEGINNING ACCOUNT VALUE	\$464,648.95
Dividends, Interest and Other Income	9.72
Net Change in Portfolio¹	4,825.00
ENDING ACCOUNT VALUE	\$469,483.67
Accrued Interest	\$418.96
Account Value with Accrued Interest	\$469,902.63
Estimated Annual Income	\$84.78

¹ Net Change in Portfolio is the difference between the ending account value and beginning account value after activity.

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 GOV'T CMS	2,588.6700	2,578.95	2,588.67	0.00	84.78	4.44%
Total Money Market		\$2,578.95	\$2,588.67	\$0.00	\$84.78	
TOTAL CASH, MONEY FUNDS AND BANK DEPOSITS		\$2,578.95	\$2,588.67	\$0.00	\$84.78	

Description	Quantity	Market Price	Market Value	Accrued Interest
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: 91282CA10	500,000.0000	93.3790	466,895.00	418.96
Total U.S. Treasury Securities	500,000.0000		\$466,895.00	\$418.96
TOTAL FIXED INCOME	500,000.0000		\$466,895.00	\$418.96
Total Portfolio Holdings			\$469,483.67	\$418.96
				Estimated Annual Income \$84.78

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,



December 1, 2023 - December 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.

Variable Rate Securities

Interest rate data for certain complex and/or variable rate securities is provided to Pershing by third-party data service providers pursuant to contractual arrangements. Although we seek to use reliable sources of information, the accuracy, reliability, timeliness, and completeness of interest rate data may vary sometimes, particularly for complex and/or variable rate securities and those with limited or no secondary market. As a result, we can offer no assurance as to the accuracy, reliability, timeliness, or completeness of interest rate data for such securities. Pershing may also occasionally make interest rate updates and adjustments based on its reasonable efforts to obtain accurate, reliable, timely, and/or complete interest rate data from other data sources, but we can similarly provide no assurance that those rates or adjustments will be accurate, reliable, timely, or complete.

When updated interest rate data is received from a third-party data service provider or adjusted by Pershing, the updated data will be reflected in various sources where interest rate data is used or viewed, including both paper and electronic communications and data sources. Prior use or communication of interest rate-related data will not be revised. Since variable interest rates may be subject to change at any time and are only as accurate as the data received from third-party data service providers or otherwise obtained by Pershing, interest rate data should not be relied on for making investment, trading, or tax decisions. All interest rate data and other information derived from and/or calculated using interest rates are not warranted as to accuracy, reliability, timeliness, or completeness and are subject to change without notice. Pershing disclaims any responsibility or liability to the fullest extent permitted by applicable law for any loss or damage arising from any reliance on or use of the interest rate data or other information derived from and/or calculated using interest rates in any way. You should request a current valuation for your securities from your financial adviser or broker prior to making a financial decision or placing an order or requesting a transaction in these securities.

Income and Expense Summary

	Current Period		Year-to-Date	
	Taxable	Non Taxable	Taxable	Non Taxable
Dividend Income				
Money Market-Non-Qualified	9.72	0.00	84.78	0.00
Interest Income				
Bond Interest	0.00	0.00	1,250.00	0.00
Total Income	\$9.72	\$0.00	\$1,334.78	\$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												
	\$9.72	\$0.00	\$0.00	\$0.00	\$9.72	\$1,334.78	\$1,334.78	\$0.00	\$0.00	\$1,334.78	\$1,334.78	
Fees												
	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	-\$4.00	-\$4.00	-\$4.00	-\$4.00	
Totals	\$9.72	\$0.00	\$0.00	\$0.00	\$9.72	\$1,334.78	\$1,334.78	-\$4.00	-\$4.00	\$1,330.78	\$1,330.78	

Transactions in Date Sequence

Process/ Settlement Date	Activity Type	Description	Quantity	Price	Accrued Interest	Amount	Currency
12/29/23	MONEY MARKET FUND INCOME RECEIVED Non-Qualified PER382220	GOLDMAN SACHS FSQ				9.72	USD

Total Value of Transactions

The price and quantity displayed may have been rounded.

\$0.00

\$9.72 USD

Money Market Fund Detail

Date	Activity Type	Description	Amount	Balance
Sweep Money Market Fund				
GOLDMAN SACHS FSQ GOVT CMS				
Current Yield: 4.44% Activity Ending: 12/29/23				
12/01/23	Opening Balance		2,578.95	2,578.95
12/29/23	Deposit		9.72	2,588.67
12/29/23	Closing Balance			\$2,588.67
Total All Money Market Funds				\$2,588.67

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

Director	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-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	-	500.00	2,200.05	2,799.95
Director Treviño	600.00	-	550.00	448.00	290.00	-	1,888.00	3,112.00
Director Santana	312.50	135.00	500.00	-	1,200.00	250.00	2,397.50	2,602.50
Director Garcia	-	750.00	550.00	-	-	-	1,300.00	3,700.00
Total	\$ 1,075.00	922.55	2,600.00	2,198.00	1,490.00	750.00	\$ 9,035.55	\$ 15,964.45

Upper San Gabriel Valley Municipal Water District
Director Public Outreach Program Expenses
For the period ended December 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 1,250.00

Outreach Fund Balance 3,750.00

Upper San Gabriel Valley Municipal Water District
Director Public Outreach Program Expenses
For the period ended December 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
12/20/23	14th Annual Neighborhood Conference Sponsorship	500.00	23686	City of Monrovia
Total		2,200.05		
Outreach Fund Balance		2,799.95		

Upper San Gabriel Valley Municipal Water District
Director Public Outreach Program Expenses
For the period ended December 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
11/22/23	Membership Renewal 7/01/23 - 6/30/24	290.00	23670	Rosemead Chamber of Commerce
Total		1,888.00		
Outreach Fund Balance		3,112.00		

Upper San Gabriel Valley Municipal Water District
Director Public Outreach Program Expenses
For the period ended December 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	Dia De Los Muertos 2023	500.00	23620	Downtown El Monte Business Association
11/09/23	1st Annual Virtual Golf Tournament Sponsorship	200.00	23658	San Gabriel Valley Conservation and Service Corps
11/15/23	Tamalada Gala Sponsorship	1,000.00	23661	Community Partners FBO
12/06/23	BBQ Fundraiser	250.00	23677	San Gabriel Police Officers' Association
Total		<u>2,397.50</u>		
Outreach Fund Balance		<u>2,602.50</u>		

Upper San Gabriel Valley Municipal Water District
Director Public Outreach Program Expenses
For the period ended December 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	1,300.00	
Outreach Fund Balance			3,700.00	

MEMORANDUM



ITEM 7. (a)

DATE: February 5, 2024
TO: Board of Directors
FROM: General Manager
SUBJECT: Federal Legislative Summary and Position

RECOMMENDATION

Approve staff recommendation for Senator Padilla's legislative bill related to the Low-Income Household Water Assistance Program Establishment Act, which is consistent with Upper District's 2023-2024 Legislative Policy Principles adopted by the Board in January 2023.

Federal Bill Analysis

S. __ (Padilla): Low-Income Household Water Assistance Program (LIHWAP) Establishment Act (Bill Number Pending Introduction)

Summary: The Low-Income Household Water Assistance Program (LIHWAP) Establishment Act would restore funding for LIHWAP for Fiscal Year 2024. The bill directs the Secretary of Health and Human Services in consultation with the Administrator of the Environmental Protection Agency to establish the Low-Income Household Water Assistance Program to award grants to eligible entities to provide funds to owners and operators of public water systems or treatment works to assist low-income households in paying arrearages.

In FY 2021, \$1.138B was appropriated through the American Rescue Plan Act of 2021 and the Consolidated Appropriations Act of 2021. LIHWAP was established as a new emergency program designed to assist households with paying for drinking water and/or wastewater services in response to needs precipitated by the COVID-19 pandemic. The program is modeled on LIHEAP but has its own unique characteristics. LIHWAP targets households with low incomes that have the highest home water burdens, meaning they pay the greatest proportion of their income towards their home drinking water and/or wastewater services. Each grant recipient sets eligibility criteria for households, including a household income cutoff that is no more than the greater of 150% of the Federal Poverty Line or 60% of State Median Income.

Analysis: The restoration of LIHWAP would allow for the continuation of awarding grants to eligible entities. These entities include owners and operators of public water systems or treatment works and would provide low-income households assistance in paying arrearages and other rates for drinking water or wastewater services. Eligible entities may also use up to fifteen percent of funds to offset the cost of administering, determining eligibility of, and conducting outreach to low-income households.

Staff Recommendation: Support

<Attachments>

118TH CONGRESS
1ST SESSION

S. _____

To authorize the Low-Income Household Water Assistance Program, and
for other purposes.

IN THE SENATE OF THE UNITED STATES

Mr. PADILLA introduced the following bill; which was read twice and referred
to the Committee on _____

A BILL

To authorize the Low-Income Household Water Assistance
Program, and for other purposes.

1 *Be it enacted by the Senate and House of Representa-*
2 *tives of the United States of America in Congress assembled,*

3 **SECTION 1. SHORT TITLE.**

4 This Act may be cited as the “Low-Income House-
5 hold Water Assistance Program Establishment Act”.

6 **SEC. 2. LOW-INCOME HOUSEHOLD WATER ASSISTANCE**
7 **PROGRAM.**

8 (a) **DEFINITIONS.**—In this section:

(1) ADMINISTRATOR.—The term “Administrator” means the Administrator of the Environmental Protection Agency.

(2) ELIGIBLE ENTITY.—The term “eligible entity” means a State, or Indian tribe, that is eligible to receive or previously received a grant under the Low-Income Home Energy Assistance Act of 1981 (42 U.S.C. 8621 et seq.).

9 (3) HOUSEHOLD.—The term “household”
10 means any individual or group of individuals who
11 are living together as 1 economic unit.

(4) LOW-INCOME HOUSEHOLD.—The term “low-income household” means a household—

14 (A) in which 1 or more individuals are re-
15 ceiving—

(i) assistance under the State program funded under part A of title IV of the Social Security Act (42 U.S.C. 601 et seq.);

(ii) supplemental security income pay-
ments under title XVI of the Social Secu-
rity Act (42 U.S.C. 1381 et seq.);

(iii) supplemental nutrition assistance
program benefits under the Food and Nu-

1 trition Act of 2008 (7 U.S.C. 2011 et
2 seq.);

3 (iv) payments under—

4 (I) section 1315, 1521, 1541, or
5 1542 of title 38, United States Code;
6 or

7 (II) section 306 of the Veterans'
8 and Survivors' Pension Improvement
9 Act of 1978 (38 U.S.C. 1521 note;
10 Public Law 95–588); or

11 (v) assistance under the Low-Income
12 Home Energy Assistance Act of 1981; or

13 (B) that has an income that, as deter-
14 mined by the State or Indian tribe, does not ex-
15 ceed the greater of—

16 (i) an amount equal to 150 percent of
17 the poverty level;

18 (ii) an amount equal to 60 percent of
19 the State median income for that State or
20 the State in which the Indian tribe is pri-
21 marily located; or

22 (iii) an amount equal to 60 percent of
23 the area median income for the area in
24 which the household is located.

1 (5) POVERTY LEVEL.—The term “poverty
2 level” means the poverty line determined pursuant
3 to section 673 of the Community Services Block
4 Grant Act (42 U.S.C. 9902).

5 (6) PUBLIC WATER SYSTEM.—The term “public
6 water system” has the meaning given the term in
7 section 1401 of the Safe Drinking Water Act (42
8 U.S.C. 300f).

9 (7) QUALIFIED NONPROFIT ORGANIZATION.—
10 The term “qualified nonprofit organization” includes
11 a nonprofit organization described in section
12 680(a)(3)(B) of the Community Services Block
13 Grant Act (42 U.S.C. 9921(a)(3)(B)).

14 (8) SECRETARY.—The term “Secretary” means
15 the Secretary of Health and Human Services.

16 (9) STATE.—The term “State” means any of
17 the 50 States, the District of Columbia, the Com-
18 monwealth of Puerto Rico, Guam, the United States
19 Virgin Islands, American Samoa, and the Common-
20 wealth of the Northern Mariana Islands.

21 (10) TREATMENT WORKS.—The term “treat-
22 ment works” has the meaning given the term in sec-
23 tion 212 of the Federal Water Pollution Control Act
24 (33 U.S.C. 1292).

25 (b) ESTABLISHMENT.—

(1) IN GENERAL.—The Secretary, in consultation with the Administrator, shall establish the Low-Income Household Water Assistance Program to award grants, in accordance with paragraph (2), to eligible entities to provide funds to owners and operators of public water systems or treatment works to assist low-income households in paying arrearages and other rates charged to such households for drinking water or wastewater services.

(2) FORMULA.—In awarding grants under this subsection to eligible entities, the Secretary shall—

(A) allot amounts made available for grants under this subsection to an eligible entity that is a State or Indian tribe based on—

(i) the percentage of households in the State, or under the jurisdiction of the Indian tribe, with income equal to or less than 150 percent of the poverty level; or

(ii) the percentage of households in the State, or under the jurisdiction of the Indian tribe, that spend more than 30 percent of monthly income on housing; and

(B) reserve up to 3 percent of amounts made available for grants under this subsection to eligible entities that are Indian tribes.

1 (c) RURAL, UNDERSERVED, AND INDIAN TRIBE AC-
2 CESS GRANTS.—The Secretary shall provide grants to
3 qualified nonprofit organizations to assist owners or oper-
4 ators of public water systems or treatment works, in rural
5 or underserved areas or in the jurisdiction of an Indian
6 tribe, in accessing funds through the Low-Income House-
7 hold Water Assistance Program.

8 (d) APPLICATIONS.—Each eligible entity seeking a
9 grant under subsection (b), and each qualified nonprofit
10 organization seeking a grant under subsection (c), shall
11 submit an application to the Secretary at such time, in
12 such manner, and containing such information as the Sec-
13 retary shall require.

14 (e) LIMITATIONS.—A recipient of a grant under sub-
15 section (b) or (c)—

16 (1) shall not use the funds from the grant to
17 supplant any other funds for any program that as-
18 sists low-income households in maintaining access to
19 affordable drinking water or wastewater services;
20 and

21 (2) may use the funds from the grant to supple-
22 ment or otherwise enhance any such program that
23 satisfies the requirements under this section.

24 (f) TECHNICAL ASSISTANCE FOR ELIGIBILITY RE-
25 QUIREMENTS.—The Secretary shall provide technical as-

1 sistance to eligible entities receiving a grant under sub-
2 section (b) for such eligible entities to establish data shar-
3 ing agreements to streamline categorical eligibility re-
4 quirements for low-income households.

5 (g) TRANSFER TO THE ENVIRONMENTAL PROTEC-
6 TION AGENCY.—

7 (1) IN GENERAL.—On the date on which the
8 final report described in section 50109(d) of the In-
9 frastructure Investment and Jobs Act (42 U.S.C.
10 300j–19a note; Public Law 117–58; 135 Stat. 1148)
11 is submitted to Congress under such section, the
12 Secretary, in coordination with the Administrator,
13 shall transfer the Low-Income Household Water As-
14 sistance Program established under this section to
15 the Environmental Protection Agency for adminis-
16 tration of such program by the Administrator in ac-
17 cordance with this section.

18 (2) ADMINISTRATION.—

19 (A) IN GENERAL.—Beginning on the date
20 described in paragraph (1)—

21 (i) the Administrator shall carry out
22 all functions of the Secretary under this
23 section; and

24 (ii) for purposes of administering the
25 program established under this section,

1 each reference in subsection (b)(2), (c),
2 (d), and (f) to the Secretary shall be
3 deemed a reference to the Administrator.

4 (B) GRANTS PREVIOUSLY AWARDED.—
5 Notwithstanding paragraph (1) and subpara-
6 graph (A), the Secretary shall continue, after
7 the transfer under paragraph (1), administering
8 each grant awarded under this section prior to
9 such transfer until the expiration of the term of
10 such grant.

11 (3) UNOBLIGATED BALANCES.—On the date de-
12 scribed in paragraph (1) and subject to section 1531
13 of title 31, United States Code, the Secretary shall
14 transfer all unobligated balances of appropriations,
15 authorizations, allocations, or other funds available
16 to the Low-Income Household Water Assistance
17 Program established under this section (except for
18 any such balances related to grants awarded prior to
19 the transfer under paragraph (1)) to the Adminis-
20 trator. The amounts of any such unobligated bal-
21 ances so transferred shall be used only for the pur-
22 poses for which the amounts were originally author-
23 ized and appropriated.

1 (h) AUTHORIZATION OF APPROPRIATIONS.—There
2 are authorized to be appropriated such sums as may be
3 necessary to carry out this section.

C-WIN: Trinity River: The glaring omission in the State Water Board's Bay-Delta Plan Update

 mavensnotebook.com/2024/02/05/c-win-trinity-river-the-glaring-omission-in-the-state-water-boards-bay-delta-plan-update/

Press Release/Notice Press Release/Other February 5, 2024 0 310

February 5, 2024

Proposed Changes Ignore the Contributions and Needs of the Trinity River, Imperiling Salmon, Native Communities, and North State Fishing Economies

A not-so-funny thing happened when the State Water Resources Control Board decided to update its Bay-Delta Plan, the document that authorizes protective temperature ranges and flow requirements for the Sacramento and San Joaquin Rivers and their shared Delta. Dubbed Phase 2, the proposed plan inexplicably omits protection for a major source of water for the Bay-Delta system: the Trinity River.



The Trinity is the largest tributary to the Klamath River and is critical habitat for some of the state's last wild salmon – fish that are essential to the food supply and culture of some of California's largest Native tribes and a lynchpin of the commercial fishing and sport angling industries. While it is not in the Sacramento-San Joaquin watershed, the Trinity contributes on average over 600,000 acre-feet of water annually to the Sacramento River via three reservoirs and two tunnels.

“Under the State Water Resources Control Board's authorization, the U.S. Bureau of Reclamation diverts a tremendous amount of water to the Sacramento River from the Trinity,” says Tom Stokely, a water policy and fisheries expert and a Board Member of the California Water Impact Network. “Most of that water is sent to corporate farms in the Central Valley for export almonds and pistachios. And each year, those diversions drain the cold-water supply in Trinity Reservoir, which the river's salmon need for survival.”

The Trinity was once one of the greatest salmon-producing rivers on the West Coast, and it is also essential for the health of the Klamath River's salmon runs, Stokely says. He characterizes the river as “the cold water tap for the entire Klamath Basin,” making it a critical component of the Pacific Northwest's salmon biomass and the industries that depend on it.

“It's also a social equity issue,” Stokely says. “Three major California tribes – the Yurok, Hupa and Karuk – live along the Trinity and Klamath Rivers. Salmon are essential to these communities for both subsistence and ceremonial reasons, and protection of the fish is mandated by state and federal law.”

Given the significance of the Trinity River to the Bay-Delta system and the North State's economy and environment, its exclusion from the State Water Board's Bay-Delta Plan update is mystifying, says Stokely.

“It's shocking that the Board decided against recommending specific protections that would safeguard the Trinity's fisheries,” Stokely says. “It even identified impacts to the Trinity but offered no proposals for mitigation. It's as though the Trinity doesn't exist, so the Board doesn't have to bother with any protective measures whatsoever. It's a forgotten river.”

Trent Tuthill, Trinity County's Administrative Officer, emphasizes the significance of the Trinity River to both the county and the northwest quadrant of California.

"The Trinity River has always been the life blood of Trinity County, and its importance to the entire Klamath River Basin must be elevated so decision makers understand that," says Tuthill. "Our county's natural resources are undervalued by the regulatory agencies, and we intend to hold them accountable." Unfortunately, continues Stokely, a dismissive attitude from the Board and the Bureau of Reclamation is nothing new. Both have long ignored their legal and public trust obligations to the Trinity River, treating it as a mere spigot for corporate agriculture.


"But that has to change," Stokely says. "We're at a critical pass with the Trinity. The salmon are crashing, the river and the people who depend on it are on the ropes, and it's time the Board acknowledges its obligations. Without the inclusion of safeguards – temperature requirements that are protective of salmon – the Phase 2 Bay-Delta Plan is a flawed and inadequate document. The Board must act in good faith, revisit Phase 2, and do what's right for the Trinity River and the Californians who depend on it."

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OPEN ET: Tracking the invisible movement of water

 mavensnotebook.com/2024/02/02/open-et-tracking-the-invisible-movement-of-water/

NASA/JPL News and Features February 2, 2024 0 85

February 2, 2024

From NASA's Earth Observatory

As the world looks for sustainable solutions, a system tapping into NASA satellite data for water management has passed a critical test.

Called OpenET, the system uses an ensemble of six satellite-driven models that harness publicly available data from the Landsat program to calculate evapotranspiration (ET)—the movement of water vapor from soil and plant leaves into the atmosphere. OpenET does this on a field-level scale that is greatly improving the way farmers, ranchers, and water resource managers steward one of Earth's most precious resources.

Researchers recently conducted a large-scale analysis of how well OpenET is tracking evapotranspiration over crops and natural landscapes. The team compared OpenET data with measurements from 152 sites with ground-based instruments across the United States. In agricultural areas, OpenET calculated evapotranspiration with high accuracy, especially for annual crops such as wheat, corn, soy, and rice.

"I was pleasantly surprised by the results," said John Volk, lead author of the study and assistant research scientist and software engineer at the Desert Research Institute in Reno, Nevada. "The accuracy in croplands was quite strong, particularly in western arid regions, which are important areas for agriculture and have water sustainability challenges."

That's welcome news for regions where OpenET data is already being put to work. In Northern California's Sacramento-San Joaquin Delta, water resource managers are using OpenET to help farmers comply with state rules requiring them to report aspects of their water use.

While many people are familiar with what one inch of rainfall means, few stop to think about one inch of evapotranspiration returning to the atmosphere, said Forrest Melton, the OpenET project scientist at NASA's Ames Research Center in California's Silicon Valley. "OpenET is working to make the unseen process of evapotranspiration as easy to track as checking the amount of rainfall in the daily weather forecast."

OpenET's primary observations come from the Landsat 8 and 9 satellites, a partnership between NASA and the U.S. Geological Survey. The second image above, acquired with the OLI (Operational Land Imager) on Landsat 8, highlights a patchwork of flooded rice fields along the Sacramento and Feather rivers on December 26, 2018. In this false-color image, inundated fields appear dark blue and vegetation is bright green.

The Landsat satellites also provide data on land surface temperatures and the greenness of plants, among other things. Cooler land surface temperatures over areas with healthier, denser vegetation, for example, usually indicate higher levels of transpiration. Those data are then fed into models to calculate evapotranspiration at high resolution—about a quarter of an acre for each image pixel.

The new analysis of OpenET's performance, published January 15 in *Nature Water*, shows that for agricultural lands, OpenET data for monthly, growing season, and annual timescales had an average error rate of about 10-20 percent. Lindsay Kammeier, a senior engineer with the California State Water Board in Sacramento and not involved in the study, said the result "gives us more confidence that these numbers are accurate, and that OpenET is continually improving over time."

Maps by NASA Earth Observatory using data provided by the OpenET team at NASA and the Desert Research Institute, available at openetdata.org and described in research by Volk, J.M. et al. Landsat image by Lauren Dauphin using data from the U.S. Geological Survey. The OpenET consortium includes NASA, USGS, and the U.S. Department of Agriculture working with the Desert Research Institute and nearly a dozen other universities, Environmental Defense Fund, and Google Earth Engine. Story by Emily DeMarco (NASA Earth Science Division) adapted for Earth Observatory by Kathryn Hansen.

New Times

Trickle-down toxin: SLO County sues PFAS chemical manufacturers to recoup costs of environmental damage, including water contamination near the regional airport

BY [BULBUL RAJAGOPAL](#)

San Luis Obispo County recently joined the steady stream of disgruntled groups across the nation attempting to hold major chemical companies responsible for allegedly contaminating their surroundings with toxic chemicals.

Through a national, multi-district lawsuit filed in South Carolina federal court on Jan. 18, SLO County pointed its finger at a slew of big companies like 3M Company, Buckeye Fire Equipment Company, and Chemguard Inc. among others, accusing them of manufacturing and selling aqueous film-forming foam packed with a cocktail of acids.

Specifically, the foam consists of "forever chemicals," per- and polyfluoroalkyl substances (PFAS), perfluorooctanoic acid (PFOA), and perfluorooctanesulfonic acid (PFOS) that are notorious for persisting in the environment.

"Upon information and belief, by the end of the 1980s, certain manufacturing defendants, including, but not limited to, 3M and DuPont, were aware that PFAS materials, including PFOA and PFOS, had been detected in the blood of the general population of the United States, including people not known to be working at or living near facilities that manufacture PFAS, suggesting that exposure resulted from use of products," the lawsuit read.

Widespread prevalence of PFAS in drinking water, at waste sites, in grease-resistant food packaging, in fire extinguishing foam, and in nonstick products led to its being almost omnipresent. According to the U.S. Environmental Protection Agency (EPA), studies show that certain levels of PFAS exposure led to increased risk of prostate, kidney, and testicular cancers; increased cholesterol levels; reduced immunity; and decreased fertility and higher blood pressure in pregnant women.

SLO County's lawsuit alleges that many of the local companies it sued were aware of the dangers of PFAS as early as the end of the 1980s. Their production and distribution of PFAS-heavy products contributed to contamination at the SLO County Regional Airport, the closed landfill in Los Osos, the Los Osos Water Recycling Facility, and the Shandon Water System, the lawsuit stated.

County spokesperson Jeanette Trompeter told *New Times* on Jan. 29 that SLO County already spent more than \$2 million to test, investigate, and mitigate PFAS levels at the airport and in the neighboring residential areas. Ongoing response efforts are expected to cost millions more.

"The county is seeking support from the federal government and state to help address the impacts of PFAS resulting from the federally mandated use of AFFF [foam] containing PFAS, and of course, this lawsuit is to recoup some of the costs already incurred and any future costs from the manufacturers," she said.

PFAS levels around the airport have been scrutinized for years. That area displayed one of the highest concentrations of PFAS in California after the State Water Resources Control Board ordered 30 airports across the state to investigate for the chemical in groundwater and soil in 2019. [Prior New Times reporting](#) found that state regulators claim the airport to be a heavily contaminated site because of firefighter trainings held there annually since the mid-1970s. During those sessions, PFAS-loaded foam was discharged into the environment.

Stemming from the 2019 order, the county's investigation found that most firefighter trainings involving the foam occurred where the Cal Fire station currently sits.

A SLO County-contracted consulting company even sampled 57 private wells near the airport to find that 52 of them contained PFAS-polluted water the EPA didn't consider safe to drink.

Last June, the county and Cal Fire signed a Voluntary Cleanup and Abatement Agreement at the behest of the Central Coast Regional Water Quality Control Board, which was implemented in July 2023. Their decision to study and mitigate PFAS pollution at the airport and its surrounding areas came hot on the heels of [public dissatisfaction](#) at the water board's listening session. Many people living near the airport complained about the well-testing process and a lack of communication from the county.

Trompeter told *New Times* that the neighboring residents will not be able to join SLO County in its lawsuit.

"The county's lawsuit can only seek recovery of damages or costs it has incurred," she said via email.

Bound by the cleanup agreement, the county and Cal Fire are looking into fire suppression options at the airport that don't rely on the aqueous foam. But finding alternatives is difficult because the Federal Aviation Administration (FAA) hasn't approved any other methods except for one with limited supply—fluorine free foam, or F3.

"Airports are waiting on federal guidance regarding decommissioning and replacement of firefighting equipment and updates to approved firefighting training methods," Trompeter said. "The airport is working on a plan for transition to F3 in compliance with FAA guidance."

The regional water quality control board also requires the county to test wells for PFAS around landfills, wastewater treatment plants, and other types of industrial areas. Trompeter told *New Times* that the county will continue to partner with other agencies to determine where more testing is needed while the federal government works to set maximum thresholds for PFAS and related chemicals.


Buckley Road property owner Mike Oliveira told *New Times* on Jan. 26 that conversations about the county's lawsuit are slowly trickling through the community. Oliveira is one of nine volunteers who belong to a community advisory group set up as part of the voluntary agreement. The group meets once a month at the water board's offices with the airport parties and water board staff to discuss PFAS remediation efforts.

Oliveira believes the county has shown a good level of progress in terms of complying with the voluntary agreement. That compliance hinged on the publication of three detailed reports about groundwater monitoring, the site conceptual model that describes the problem itself, and a remedial investigation work plan that will be implemented over the next three years. The property owner added that while the water board said that those three plans need more work, they outline a great amount of effort from the county.

"I would say maybe the skepticism some of us might have had was, 'Would the county follow through with the voluntary agreement when that was entered into on July 21?'" Oliveira said. "I would say, so far, from my own perspective, they've completed many of the steps and many of the requirements that they were asked to do." Δ

Reach Staff Writer Bulbul Rajagopal at brajagopal@newtimesslo.com.

THE CONVERSATION: What is an atmospheric river? A hydrologist explains the good and bad of these flood-prone storms and how they're changing

 mavensnotebook.com/2024/01/30/the-conversation-what-is-an-atmospheric-river-a-hydrologist-explains-the-good-and-bad-of-these-flood-prone-storms-and-how-theyre-changing/

The Conversation News and Features January 30, 2024 0 77

January 30, 2024

Qian Cao, *University of California, San Diego*

A series of atmospheric rivers is bringing the threat of heavy downpours, flooding, mudslides and avalanches to the Pacific Northwest and California this week. While these storms are dreaded for the damage they can cause, they are also essential to the region's water supply, particularly in California, as Qian Cao, a hydrologist at the University of California, San Diego, explains.

What are atmospheric rivers?

An atmospheric river is a narrow corridor or filament of concentrated water vapor transported in the atmosphere. It's like a river in the sky that can be 1,000 miles long. On average, atmospheric rivers have about twice the regular flow of the Amazon River.

When atmospheric rivers run up against mountains or run into local atmospheric dynamics and are forced to ascend, the moisture they carry cools and condenses, so they can produce intense rainfall or snowfall.

Atmospheric rivers occur all over the world, most commonly in the mid-latitudes. They form when large-scale weather patterns align to create narrow channels, or filaments, of intense moisture transport. These start over warm water, typically tropical oceans, and are guided toward the coast by low-level jet streams ahead of cold fronts of extratropical cyclones.

Along the U.S. West Coast, the Pacific Ocean serves as the reservoir of moisture for the storm, and the mountain ranges act as barriers, which is why the western sides of the coastal ranges and Sierra Nevada see so much rain and snow.

Why are back-to-back atmospheric rivers a high flood risk?

Consecutive atmospheric rivers, known as AR families, can cause significant flooding.

The first heavy downpours saturate the ground. As consecutive storms arrive, their precipitation falls on soil that can't absorb more water. That contributes to more runoff. Rivers and streams fill up. In the meantime, there may be snowmelt due to warm temperatures, further adding to the runoff and flood risk.

California experienced a historic run of nine consecutive atmospheric rivers in the span of three weeks in December 2022 and January 2023. The storms helped bring most reservoirs back to historical averages in 2023 after several drought years, but they also produced damaging floods and debris flows.

The cause of AR families is an active area of research. Compared with single atmospheric river events, AR families tend to be associated with lower atmospheric pressure heights across the North Pacific, higher pressure heights over the subtropics, a stronger and more zonally elongated jet stream and warmer tropical air temperatures.

Large-scale weather patterns and climate phenomena such as the Madden-Julian Oscillation, or MJO, also play an important role in the generation of AR families. An active MJO shift occurred during the early 2023 events, tilting the odds toward increased atmospheric river activity over California.

A recent study by scientists at Stanford and the University of Florida found that storms within AR families cause three to four times more economic damage when the storms arrive back to back than they would have caused by themselves.

How important are atmospheric rivers to the West Coast's water supply?

I'm a research hydrologist, so I focus on hydrological impacts of atmospheric rivers. Although they can lead to flood hazards, atmospheric rivers are also essential to the Western water supply. Atmospheric rivers have been responsible for ending more than a third of the region's major droughts, including the severe California drought of 2012-16.

Atmospheric rivers provide an average of 30% to 50% of the West Coast's annual precipitation.

They also contribute to the snowpack, which provides a significant portion of California's year-round water supply.

In an average year, one to two extreme atmospheric rivers with snow will be the dominant contributors to the snowpack in the Sierra Nevada. Together, atmospheric rivers will contribute about 30% to 40% of an average season's total snow accumulation there.

That's why my colleagues at the Center for Western Weather and Water Extremes at the Scripps Institution of Oceanography, part of the University of California, San Diego, work on improving atmospheric river forecasts and predictions. Water managers need to be able to regulate reservoirs and figure out how much water they can save for the dry season while still leaving room in the reservoirs to manage flood risk from future storms.

How is global warming affecting atmospheric rivers?

As global temperatures rise in the future, we can expect more intense atmospheric rivers, leading to an increase in heavy and extreme precipitation events.

My research also shows that more atmospheric rivers are likely to occur concurrently during already wet conditions. So, the chance of extreme flooding also increases. Another study, by scientists from the University of Washington, suggests that there will be a seasonal shift to more atmospheric rivers earlier in the rainy season.

There will likely also be more year-to-year variability in the total annual precipitation, particularly in California, as a study by my colleagues at the Center for Western Weather and Water Extremes projects.

Qian Cao, Hydrologist, Center For Western Weather and Water Extremes, *University of California, San Diego*

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News for Immediate Release__

Metropolitan launches construction of new water tunnel, celebrates student who named machinery

Jan. 25, 2024

Third-grader honored for naming the Rachel Carson Tunnel Boring Machine that will excavate tunnel for pipeline to serve growing region

RIVERSIDE – A tunnel boring machine that will help complete a water pipeline to serve growing western Riverside County communities is being named for 20th century environmentalist Rachel Carson, thanks to third-grade Moreno Valley student Jessica Wang whose [submission](#) was chosen in a recent contest held by Metropolitan Water District.

Metropolitan launched the tunnel project and celebrated the winning name during an event held today at the March Field Air Museum. The new mile-long portion of the Perris Valley Pipeline is being built under the museum, starting with the tunnel excavation by the 13-ton, 16.5-foot-long machine newly named by Wang.

"I want to thank all the students for participating in the contest to name this tunnel boring machine and especially our winner, Ms. Wang, for putting so much thought and creativity into her submission," said Metropolitan General Manager Adel Hagekhalil, adding that the competition was open to students in grades 3-12 at local schools.

"This student involvement reminds us that our future relies on the fresh ideas and innovation of our next generation. I applaud our youth for engaging with us and learning about the importance of their local water infrastructure," Hagekhalil said. "Through our infrastructure investments, Metropolitan is ensuring safe and reliable water for all, with no one left behind, while uplifting our communities."

In Wang's submission, she wrote, "Rachel (Carson) was important because she was the woman who challenged the notion that humans could obtain mastery over nature by chemicals, bombs and space travel . . . Carson loved writing and nature."

The Rachel Carson Tunnel Boring Machine will begin excavating the tunnel for the Perris Valley Pipeline extension next week, moving 30-40 feet per day. The pipeline currently delivers water to communities in western Riverside County. The new tunnel will expand the delivery of water to these communities.



"It is impressive to see the various ways Metropolitan is working to complete critical infrastructure projects within their system to support the communities its member agencies collectively serve," said Jeff Armstrong, Metropolitan board director representing Eastern Municipal Water District, one of the agencies that will benefit from the project. "By investing in infrastructure projects Metropolitan will continue meeting the needs of residents throughout its service area.

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.



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GUEST COMMENTARY: Gov. Newsom is accelerating California's extinction crisis

 mavensnotebook.com/2024/01/24/guest-commentary-gov-newsom-is-accelerating-californias-extinction-crisis/

Guest Contributor Commentary January 24, 2024 1 1440

January 24, 2024

By Jon Rosenfield, PhD, SF Baykeeper science director; and Eric Buescher, SF Baykeeper managing attorney

California is at the forefront of a global crisis known as the Anthropocene extinction. This rapid eradication of living diversity is not caused by meteor strikes or volcanic eruptions, but by human activity.

No animal group is more at risk than fishes. Researchers recently concluded that our state is a world leader in the number of freshwater fishes likely to become extinct by the end of the century. Governor Newsom's water policies are accelerating this race to oblivion.

Many of California's imperiled native fishes live in San Francisco Bay, including five species that are listed under the federal Endangered Species Act. Baykeeper recently sued the US Fish and Wildlife Service to add the Bay's population of longfin smelt to that list. And, late last year, we and our partners petitioned state and federal agencies to protect the Bay's white sturgeon population as threatened after decades of decline.

These species suffer because of human water management decisions. Impassable dams block most of the historical freshwater habitat for migratory fish, and they release water that is too hot for fish eggs incubating downstream. The dams are part of a vast water management infrastructure that allows California to divert or store about half of the natural flow from Central Valley rivers that would otherwise reach the Bay.

The effects of our unsustainable water management extend beyond endangered species. Last summer, California's salmon fishing season was closed completely because Central Valley spawning populations collapsed following years of bad decisions by state and federal water managers. Depleted river flows also promote toxic algal blooms that now persist throughout the summer in Delta communities like Stockton. Central Valley tribes can no longer rely on fishing for subsistence, and their water-based ceremonies are at risk of being lost forever.

Fortunately, California has a powerful tool to restore and protect San Francisco Bay and its watershed: the Bay-Delta Water Quality Control Plan. This plan is required under state and federal laws to create standards and rules to protect human activities that rely on clean water, vibrant fish populations, and functioning ecosystems.

We recently reviewed and submitted comments on proposed updates to the Bay-Delta Plan. One proposal, written by the State Water Board, calls for small increases to river flows and protection for coldwater salmon spawning habitat upstream. But the Water Board's own analysis demonstrates that this proposal will not restore imperiled species or decimated fisheries. Tiny incremental improvements will not reverse the massive degradation of the Bay-Delta ecosystem.

The second proposal is a set of voluntary schemes negotiated in secret by Governor Newsom with large agribusiness and urban water purveyors. Not surprisingly, the Governor's "voluntary agreement" (VA) promises much less water to protect San Francisco Bay than does the Water Board's inadequate plan.

Newsom's VA is astonishingly weak. The Water Board's analysis shows that, at best, the VA's purported benefits will be meager. For example, although flows to San Francisco Bay are projected to increase slightly over the severely degraded status quo in many years, the VA would result in lower flows to the Bay in wet years—the only times when our Chinook salmon, white sturgeon, longfin smelt, and other native fish can still catch a break. Without suitable conditions that now result only during very wet years, imperiled fish will continue to slide toward extinction and the Bay's once-productive fisheries will continue to wither.

The proposed VA would spend tens of millions of dollars for more science, a new bureaucracy, and for wetland and floodplain restoration efforts. These are not the problem or the solution. And despite the money promised for so-called "habitat" restoration, the Water Board's analysis projects that the VA will actually reduce the habitat available to several species. Habitat available for rearing juvenile Chinook Salmon would increase by 2-3 percent, at most.

Importantly, neither the Governor's VA nor the Water Board's proposal would prevent new dams or diversions from removing even more water from the Bay-Delta. That means the promised additional flows will never materialize. In fact, Newsom's Department of Water Resources just approved its plan to build a new tunnel to divert additional fresh water from the ecosystem. Baykeeper and our allies are challenging the tunnel's inadequate and misleading environmental impact report in court.

Sadly, these two proposals to update the Bay-Delta Water Quality Control Plan are woefully inadequate to meet the self-created crisis we face. Neither alternative would create environmental conditions that comply with California law, halt the extinction crisis in the Bay-Delta, or restore this estuary for future generations.


The Water Board's flow proposal is inadequate, but at least it focuses on the right problems. The best available science shows that preventing extinctions and restoring the Bay's fisheries will require significant increases in river flows through the Delta to San Francisco Bay, while maintaining coldwater habitats for spawning salmon upstream.

Governor Newsom's VA is a ruse, not a serious proposal to protect the Bay-Delta. Since the 1990s, California has invested heavily in earth-moving projects intended to restore "habitat" in lieu of the river flows that science indicated were necessary. The result: fish, fisheries, and water quality have continued to decline as water diversions increased.

The Board should reject the Governor's proposed VA, increase Bay-Delta flows and coldwater habitat safeguards beyond what is currently proposed, and ensure future dam and diversion projects do not later undermine those protections.

By protecting and restoring San Francisco Bay and its watershed, California can show the rest of the world how to avert the Anthropocene extinction. But the state needs to follow the science, and not double-down on false promises.

CAL MATTERS: California ranks high worldwide for rapidly depleted groundwater

 mavensnotebook.com/2024/01/24/cal-matters-california-ranks-high-worldwide-for-rapidly-depleted-groundwater/

Cal Matters News and Features January 24, 2024 0 407

January 24, 2024

Researchers found that the world's most rapidly declining basins are in farm regions, especially drier areas like the San Joaquin Valley. Wells are drying out and land is sinking.

By Rachel Becker, Cal Matters

In a sign of the ongoing threats to its precious groundwater stores, half a dozen regions in California rank among the world's most rapidly declining aquifers, according to research published today.

Globally, lack of local water drives migration, poverty, starvation and violence — while in California, it drives decades-long regulatory battles over how to stop over-pumping by growers.

Aquifers in Spain, Iran, China and Chile top the list of the 100 most rapidly dropping groundwater levels. In California, California's Cuyama Valley, north of Santa Barbara, ranked 34th worldwide. Its underground basin has been dropping almost 5 feet a year, and residents, farmers and even the school district are locked in a court battle with carrot growers who sued them over groundwater rights.

Four other basins in the San Joaquin Valley and one in northeastern San Diego also netted spots in the top 100, with water levels falling up to almost four feet a year, according to the study, which was led by University of California and Swiss researchers and published in the journal *Nature*.

Only two other basins in the United States made the top 100: Gila Bend near Phoenix and Mill Creek in Idaho.

"Some of the rates of groundwater level decline occurring in California really are some of the highest in the world," said Scott Jasechko, a co-author of the study and an associate professor of hydrology, water resources and groundwater at UC Santa Barbara.

"It's a sobering finding," he said. "We've got a lot of work to do here in California."

The research revealed that rapidly declining groundwater basins are virtually non-existent in places with no farming. Heavily-farmed regions in drier climates, such as the San Joaquin Valley, Iran and parts of India, are especially hard hit.

"It's a sobering finding. We've got a lot of work to do here in California."

—Scott Jasechko, UC Santa Barbara

Plummeting groundwater levels can cause drinking water wells to go dry. Streams can dwindle and disappear, and the desiccated earth can sink and collapse — shrinking the storage capacity of aquifers and damaging roads, buildings, levees and other structures above ground.

In California, thousands of wells have gone dry after years of drought and overpumping — spreading from the San Joaquin Valley to the Sacramento Valley during the most recent drought.

Land in parts of the San Joaquin Valley has subsided so much that it has damaged the California Aqueduct, which carries river water to Southern California, forced at least \$187 million of repairs on the Friant-Kern Canal, and required millions more to fortify a levee around the sinking town of Corcoran to protect it from floodwaters.

The researchers analyzed more than 170,000 groundwater wells in more than 40 countries, and reported "widespread acceleration in groundwater level deepening," which they said "highlights an urgent need for more effective measures."

The study provides a global database that backs up observations that have long worried water watchers.

"The major contribution is to bring into much sharper focus this global problem of groundwater depletion and over-pumping," said Graham Fogg, a professor emeritus of hydrogeology at UC Davis who was not involved with the research.

"With groundwater, if it's left unmanaged and unregulated, it's going to be abused in many, many cases. And if that abuse goes on long enough, some basins will be exhausted of water."

Violence over water is flaring around the globe. Water is a trigger, casualty and weapon in hundreds of conflicts just over the past two years — from Russian troops destroying a Ukrainian dam to cyberattacks on Israeli water infrastructure and Israeli military forces seizing or destroying Palestinian water sources. Clashes over water safety and scarcity have led to injuries and deaths around the world.

In California, disputes over water roil the state, from the Scott and Shasta Rivers in the far north to the Bay-Delta and beyond.

San Joaquin Valley growers are still over-pumping

Ten years ago, alarmed by record declines in groundwater and thousands of dried up wells, California lawmakers passed a law aimed at stopping overpumping. The Sustainable Groundwater Management Act requires local agencies to achieve sustainable groundwater use by 2040 for the most critically overdrafted basins, and 2042 for basins considered less depleted.

But wells have continued to go dry and groundwater depletion continues with few protections in place. So far, California water officials deemed plans for six San Joaquin Valley basins inadequate and called for probation hearings.

In addition to the Cuyama Valley, the *Nature* paper's top 100 includes the White Wolf Basin in Kern County (52nd), the San Pasqual Valley in northeastern San Diego (55th), the Chowchilla Basin straddling Merced and Madera counties (65th), the Northern Kern Basin (69th) and the Kaweah Basin in Kings and Tulare counties (93rd).

"With groundwater, if it's left unmanaged and unregulated, it's going to be abused... And if that abuse goes on long enough, some basins will be exhausted of water."

—Graham Fogg, UC Davis

Jasechko and his colleagues set out to understand how groundwater depletion in California compared to other aquifers globally. It took them six years to scour the literature for water level measurements, download it from databases and request it from water managers around the world.

For more than 540 aquifers, the researchers had enough data to compare groundwater levels over 40 years. Of those, about a third showed accelerating groundwater declines. Another 21% percent had increases in the 1980s and 1990s turn to losses over the past 23 years.

But Jasechko found some reasons for hope: 20% of aquifers saw groundwater declines slow down in the 21st century. Another 16% pivoted from groundwater decline to recovery, while 13% saw groundwater levels continue to increase.

"Long-term groundwater losses are neither universal nor inevitable," the researchers wrote.

Groundwater depletion in parts of Saudi Arabia slowed, for instance — possibly due to policies aimed at curbing agricultural use, including a phaseout of alfalfa cultivation that also led to a massive increase in imports from the US. In Bangkok, Thailand, pumping slowed after officials increased fees.

And in the Coachella Valley, groundwater levels improved after the water district introduced a new pricing structure, increased recharge and improved access to Colorado River and recycled water supplies.

But UC Davis's Fogg said that the research also brought clarity to what he called one of the existential challenges for the nexus between food, energy and water: how reining in groundwater depletion will affect the global food system. About 70% of water worldwide is used for agriculture and irrigation.

"We've built a food supply system that relies in large part on irrigated agriculture, which in turn relies in many areas...on pumped groundwater," Fogg said. "So that has to change. That change will likely result in effects on the food supply. So it's a major challenge to see how civilization can deal with that in the future."

COURT DOCS: Four lawsuits filed, challenging the Delta Conveyance Project Final EIR

 mavensnotebook.com/2024/01/20/court-docs-four-lawsuits-filed-challenging-the-delta-conveyance-project-final-eir/

Maven News and Features January 20, 2024 0 672

January 20, 2024

Deadline for filing CEQA litigation ends on Monday, January 22

The Center for Biological Diversity, the County of Sacramento, the City of Stockton, and the Sacramento Area Sewer District have filed lawsuits, challenging the final EIR for the Delta Conveyance Project.

Press release from the Center for Biological Diversity

Environmental groups sued the California Department of Water Resources today for approving the Delta Conveyance Project without considering ecological and wildlife harms. The tunnel project would divert billions of gallons of water from the Sacramento River, dramatically reducing river flow to the environmentally sensitive San Joaquin Delta and harming Delta smelt, Chinook salmon and other imperiled fish.

"The last thing California needs while fighting the climate emergency is a gigantic tunnel wreaking havoc on a sensitive ecosystem and the communities that rely on it," said John Buse, senior counsel at the Center for Biological Diversity. "Instead of doubling down on this disastrous project, the state needs to take a hard look at groundwater storage, water conservation and other alternatives that don't leave a trail of environmental destruction."



The proposed tunnel — 36 feet wide, 45 miles long and 150 feet deep — would reduce freshwater flows to the delta by siphoning water to Southern California for agricultural and urban use. The tunnel will have the capacity to carry about 6,000 cubic feet of water per second, or about a third of the average Sacramento River flow at the point of diversion. Under the state's own assessment, climate change is expected to profoundly alter snowpack and reduce the freshwater flows available for diversions.

The Center joined more than a dozen other groups in today's lawsuit, filed in Sacramento Superior Court. The lawsuit says the Department of Water Resources violated the California Environmental Quality Act when it approved the project in December.

"The Department of Water Resources' environmental impact report is profoundly deficient," said Robert Wright, an attorney at the Sierra Club. "Perhaps the most astonishing of these deficiencies is the report's acknowledged omission of the changes to surface water resources that will undoubtedly result from the tunnel project."

"The department's environmental report says that increasing flow through the Delta is not consistent with the Delta tunnel project," said Chris Shutes, executive director of the California Sportfishing Protection Alliance. "The report also says restoring the Delta is someone else's problem. So we are suing the department to stop its tunnel project from destroying one of the world's greatest estuaries."

Today's lawsuit comes days after a court ruled that the state's efforts to fund the Delta Conveyance Project were unlawful. The Sacramento Superior Court found that the Department of Water Resources lacked the authority to issue \$16 billion or more in revenue bonds to finance the project.

The single-tunnel project replaces the twin-tunnel California WaterFix project, which was abandoned in 2019.

The Center for Biological Diversity is a national, nonprofit conservation organization with more than 1.7 million members and online activists dedicated to the protection of endangered species and wild places.

Verified-Petition-for-Writ-of-Mandate-Delta-tunnel

But wait, there's more ... !

Also on Friday, the County of Sacramento, City of Stockton and Sacramento Area Sewer District filed lawsuits, challenging the final EIR.

The filing from the County of Sacramento states:

“Under CEQA, prior to making a decision to certify the FEIR and approve the Project, DWR was required to fully analyze and mitigate the Project’s potentially significant impacts and disclose them in a manner reasonably calculated to inform the public, and meaningfully consider potentially feasible alternatives to the Project or its location that would be capable of meeting most of the Project’s objectives while eliminating or reducing one or more of its significant impacts. DWR did not satisfy these requirements....

“

The lawsuit alleges that the project and the final EIR fail to comply in numerous ways, including:

- failure to analyze the impacts in multiple key areas,
- using an unreasonable future baseline for analysis of project impacts,
- contains analyses and thresholds of significance that are not supported by substantial evidence,
- fails to adequately consider and identify appropriate associated mitigation measures and alternatives,
- fails to adequately respond to numerous substantive comments and recommendations provided in response to the DEIR
- failed to analyze and/or adopt adequate and feasible mitigation measures to mitigate the Project’s potentially significant impacts, and
- unreasonably narrow project objectives that precluded consideration of reasonable alternatives for achieving the project’s underlying purpose.

The lawsuit also alleges the project violates the 1959 Delta Protection Act, 1992 Delta Protection Act, Watershed Protection Act, 2009 Delta Reform Act, and the public trust doctrine.

Note: The above comments were taken from the County of Sacramento’s filing. The filings from the City of Stockton and Sacramento Area Sewer District appear to be substantially the same, albeit with some allegations specific to their region.

The deadline for filing CEQA litigation ends on Monday, January 22. There will likely be more.

The court filings are embedded below.

County of Sacramento

Petition and Complaint of County of Sacramento

City of Stockton

Petition and Complaint of City of Stockton

Sacramento Area Sewer District

Petition and Complaint of SASD

DWR: Delta Conveyance Project can help protect water supply reliability looking decades ahead, modeling shows

mavensnotebook.com/2024/01/20/dwr-delta-conveyance-project-can-help-protect-water-supply-reliability-looking-decades-ahead-modeling-shows/

DWR News Agency News January 20, 2024 0 172

January 20, 2024

From the Department of Water Resources:

California's water delivery infrastructure needs modernization. The system was built in the 20th century based on the certainty that snow would fall in the winter, be stored in the mountains as snowpack, then melt in the spring into our rivers and reservoirs. While rain and snow amounts may have been erratic in decades past, that pattern of precipitation was fairly reliable.

Those patterns are no longer happening. With climate change, we are seeing a new weather pattern with more precipitation falling as rain and less as snow, and more water flowing through the rivers in the winter months. Because this water is not available to be captured in the spring, water managers must find a way to catch it in the winter for use later in the year or risk losing it altogether.

This is what the Delta Conveyance Project will do: capture and move the water when it is available.

An important question for decision-makers is how effective this modernized infrastructure will be in improving reliability of the State Water Project many decades in the future.

That is why we are using modeling to better understand and plan for the future.

While future changes to other water infrastructure, land use or the regulatory environment are likely as a response to the changing climate, the specifics of these potential changes are unknown. Available models do not predict the future, but they can help us to understand, visualize or simulate what may happen, and can be helpful to compare scenarios.

The 2070 modeling done for the Delta Conveyance Project looks at seven possible future "no project" scenarios (if the DCP were not implemented) that examine potential climate change, sea level rise, and responses to those changes (such as land use or regulatory changes) — all based on the best available science from the most trusted sources. It then compares the scenarios to provide a range of possible no project outcomes to help decision-makers with planning decades ahead.

A single climate scenario (known as the "2070 Median") was crafted to use in the scenario comparisons, based on 64 projections of climate change from available General Circulation Model (GCM) output. GCMs are the most advanced tools available for simulating changes to the climate at global scale based on increasing greenhouse gas. These models represent processes in the atmosphere, ocean, and land surface.

Seven possible no project scenarios for 2070 conditions were developed that collectively include climate change (2070 Median scenario), 1.8 feet and 3.5 feet of sea level rise, land fallowing/demand reduction, reduced exports, and emergency drought actions.

The modeling shows that State Water Project Delta exports are severely impacted under all seven of the scenarios for no project 2070 conditions with a possible reduction in annual average SWP exports of 0.43 to 0.68 million acre-feet (MAF) compared to existing conditions. When the Delta Conveyance Project is added to the



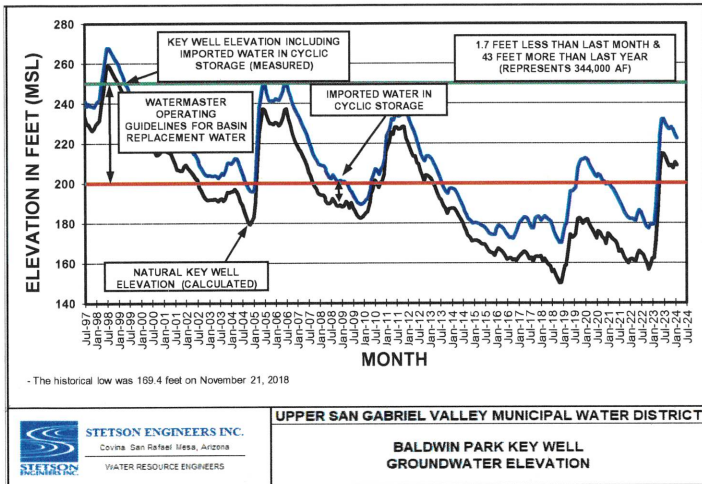
seven no project scenarios, the SWP exports are expected to be restored, by negating some or all of this reduction. The modeling shows that the range of changes in annual average SWP exports would be a reduction of 0.24 MAF or an increase of 0.02 MAF with the Delta Conveyance Project under 2070 Conditions compared to the existing conditions.

While modeling does not and cannot behave as a crystal ball, careful and conservative modeling can provide useful comparative context. Read the "CalSim 3 Results for 2070 Climate Change and Sea Level Projections and Sensitivity Analysis" with this important background in mind.

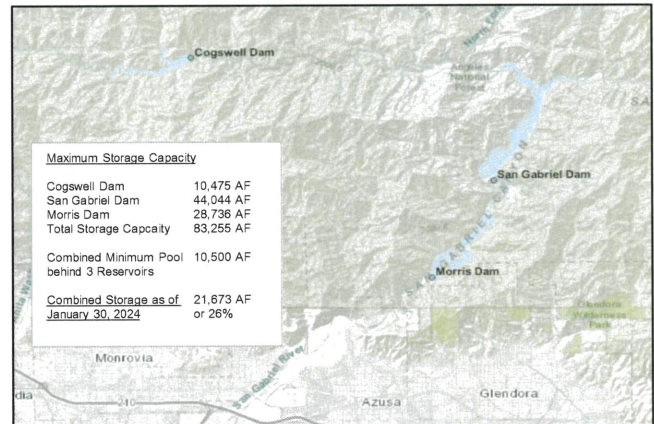


REPORT OF THE DISTRICT ENGINEER ON HYDROLOGIC CONDITIONS FEBRUARY 14, 2024

Baldwin Park Key Well



Reservoir Storage and Releases



Groundwater Elevation January 2024

	Groundwater Elevation (ft)	Difference from prior month (ft)	Difference from prior year (ft)
January 27, 2023	179.4		
December 29, 2023	224.1		
January 26, 2024	222.4	-1.7	43.0

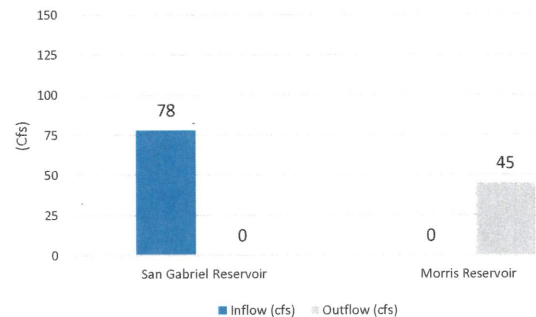
Untreated Imported Water in Cyclic Storage Accounts

Producer Cyclic Storage	58,000 AF
MWD Cyclic Storage (For UD RDA Delivery)	0 AF
Other Cyclic Storage	17,000 AF
Total	75,000 AF*

*Represents about 9 feet of groundwater elevation at the Key Well

Reservoir Flow

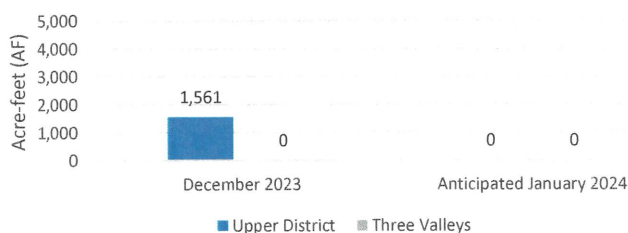
As of: January 30, 2024



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

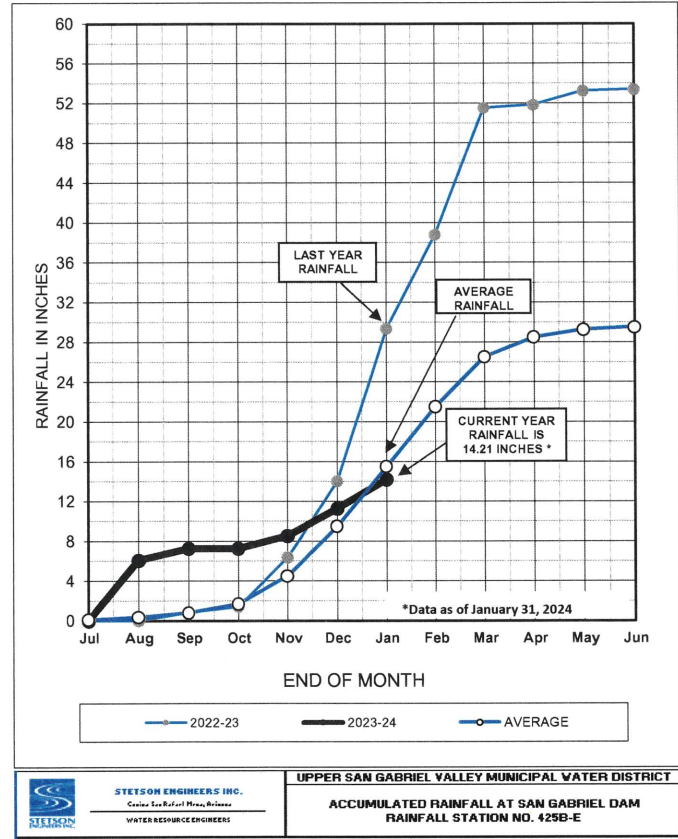
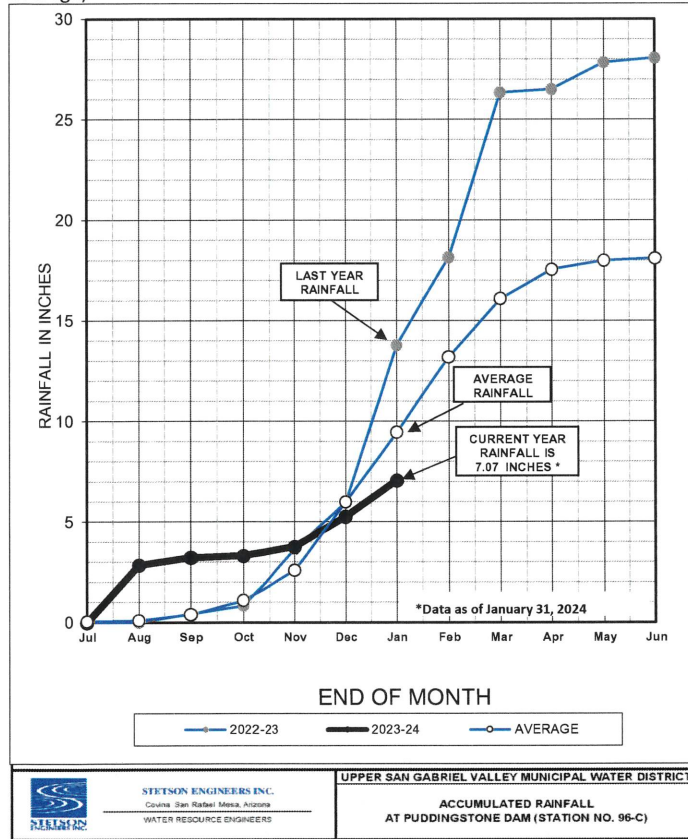




REPORT OF THE DISTRICT ENGINEER ON HYDROLOGIC CONDITIONS FEBRUARY 14, 2024

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)



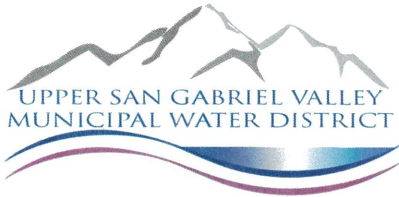
Water Quality

• 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 January 2024, 52 wells were sampled under Title 22
- During December 2023, 8 wells were sampled under Title 22
- During December 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 February 14, 2024

Water Supply Update



Baldwin Park Key Well: 222.4 feet on 1/26/24
San Gabriel Canyon: 21,673 AF combined storage
as of 1/30/24
San Gabriel Reservoir: inflow 78 cfs; release 0 cfs
Morris Reservoir: inflow 0 cfs; release 45 cfs



USG-3 deliveries during December 2023:
1,561 AF to MWD Cyclic
Rainfall as of 1/31/24:
• 7.07" - Puddingstone Dam
• 14.21" - San Gabriel Dam

MWD Water Supply Conditions as of February 6, 2024, are summarized as follows:

Reservoir	Capacity	Current Storage	Compared to last year
San Luis	2.04 MAF	61%, 1.25 MAF	436 TAF less
Oroville	3.54 MAF	77%, 2.72 MAF	354 TAF more
D. Valley Lake	810 TAF	93%, 755 TAF	263 TAF more
Lake Powell	24.3 MAF	33%, 8.10 MAF	2.68 MAF more
Lake Mead	26.1 MAF	36%, 9.50 MAF	2.04 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 is now operational and the electric vehicle charging stations have been installed. The software for paid charging on the public chargers will not be available until March. Once installed, said charging stations will be made available for public use.

Water Use Efficiency



Residential Water\$mart Rebates

Since July 2023 - \$361,934.52



Commercial Water\$mart Rebates

Since July 2023 - \$35,610.00



Water Smart Home Kits

Homes Served: 113



MAAP Funds 2022-2024 - \$572,000

Reserved: \$572,000 (pending \$100,000)

Invoiced to MWD: \$202,502

Education and Outreach



Upcoming Landscaping Workshops

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*



Watershed Restoration

Saturday, March 9th – 8am-12pm remaining @ San Gabriel Canyon Environmental Education Center

Saturday, April 6th – 8am-12pm caravan to Crystal Lake Campgrounds

Legislative Update



State Update: The Legislative Analyst's Office has projected the state will have a multi-year deficit of \$68 billion as a result of the economic downturn. The Governor released his budget proposal for the upcoming year on January 10th and projects a shortfall of \$38 billion. He has proposed to address the deficit by dipping into the \$30 billion rainy day fund and using \$13 billion. The Governor's budget includes \$8.5 billion in cuts, mostly climate projects and housing. The remainder of the deficit will be covered by a combination of delays, deferrals, fund shifts, borrowing and shifting expenses to other funds. Of the cuts the Governor proposed eliminating, \$159 million for flood protection, delays \$100 million for water recycling and reverts \$71 million for PFAS support, however funding for Metro's Pure Water project remains intact. On Monday, February 5th, Senator Mike McGuire (D-Geyserville) will be sworn in as the Senate President Pro Tem, replacing Senator Toni Atkins (D-San Diego) as the leader of the State Senate.

Washington D.C. Update: Congress has passed a short-term Continuing Resolution to avoid a government shutdown again. The extension funds all federal agencies into early March. Continued polarization in Congress and staunch beliefs regarding federal funding policies delays these key deadlines further into the spring. This action also delays the ability of Congress to begin the FY25 appropriations, which needs to be finalized by September 30, 2024.

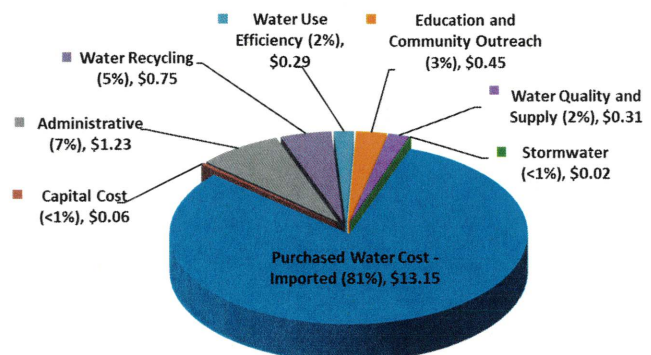
Finance and Administration



Financial Highlights for FY 23/24

- Treated water sales: 1,526 AF
- Untreated water sales: 61,601 AF
- YTD net operating revenues: \$0.59M

YTD Use of Funds as of 12/31/23 - \$16.26M



**Summary Report for
The Metropolitan Water District of Southern California
Board Meeting
January 9, 2024**

CONSENT CALENDAR ITEMS - ACTION

Approved the following committee assignments. **(Agenda Item 7b)**

Ad Hoc Committee on Bay-Delta (New)

Jacque McMillan, Chair
Linda Ackerman, Vice Chair
Miguel Angel Luna
Russell Lefevre
Glen Peterson
Tana McCoy

Added Director Stephen Faessel as a member to the Subcommittee on Long-Term Regional Planning Processes and Business Modeling CAMP4W Task Force.

Authorized an agreement with the Center for Smart Infrastructure in an amount not to exceed \$2 million for startup costs and focused research. **(Agenda Item 7-1) [Item deferred at committee; not voted on at board]**

Authorized an increase of \$4,800,000 in change order authority for the contract to upgrade the domestic water treatment systems at the five Colorado River Aqueduct pumping plants. **(Agenda Item 7-2)**

(a) Authorized an agreement with Jacobs Engineering Group Inc. in an amount not to exceed \$3.425 million for design of security system improvements at three water treatment plants; and
(b) Authorized an agreement with Brown and Caldwell in an amount not to exceed \$2.26 million for design of security system improvements at one water treatment plant and several hydroelectric plants and pressure control structures. **(Agenda Item 7-3)**

Awarded a \$549,592.04 procurement contract to Caasi Flow Control for 20 plug valves. **(Agenda Item 7-4)**

Authorized an agreement with Applications Software Technology LLC in an amount not to exceed \$800,000 for the Oracle E-Business Suite Procurement Services Module Implementation. **(Agenda Item 7-5)**

Authorized agreements with: (1) Alvarez, LLC in an amount not to exceed \$1,923,940 to provide professional services and technical support; and (2) Cloudhouse Technologies Limited in an amount not to exceed \$801,900 for licenses for up to a period of three years, to migrate legacy applications to supported Windows servers for the Application Server Upgrade project. **(Agenda Item 7-6)**

Authorized the General Manager to authorize an increase of the contract authority to a not-to-exceed amount of \$8 million for skilled labor services under contract RFP-PR-381410.

(Agenda Item 7-7)

Approve amendments to the Metropolitan Water District Administrative Code Division VI, Chapters 2 and 5 to conform personnel regulations and the salary schedule for unrepresented employees to current law, practices, and regulations. **(LC Cancelled - Deferred Agenda Item 7-8)**

Authorized the General Manager to execute 47 license agreements to update the conditions and extend the term of existing secondary use agreements comprising Metropolitan fee-owned parcels in Los Angeles, Orange, Riverside, and San Bernardino counties. **(Agenda Item 7-9)**

Reviewed and considered the Final Environmental Impact Report certified by the city of Rancho Cucamonga and authorize the General Manager to grant a permanent easement to the city of Rancho Cucamonga for public road and trail purposes in the city of Rancho Cucamonga and identified Assessor Parcel Numbers 022-512- 301; 022-512-302; 022-512-303; 022-512-304. **(Agenda Item 7-10)**

Adopted the Legislative Priorities and Principles for 2024 with the revisions by staff and the committee members (Amended Motion as recommend by committee). **(Agenda Item 7-11)**

OTHER MATTERS AND REPORTS

Updated report on the list of certified assessed valuations for the fiscal year 2023/24 and tabulation of assessed valuations, percentage participation, and vote entitlement of member agencies as of January 9, 2024. **(Agenda Item 6G)**

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 January 17, 2024

Oliveros Madrugá Law Organization Proposed Rate Adjustment

The Board of Directors approved the rate adjustment as presented.

Adoption of Resolution 24-001 for Authorization to Contract for Services and Establish Accounts with BMO Bank

The Board of Directors adopted Resolution 24-001 as presented.

Draft San Gabriel Basin Groundwater Quality Management and Remediation Plan “\$406 Plan” for 2024

The Board of Directors opened the 30-day comment period for the draft San Gabriel Basin Groundwater Quality Management and Remediation Plan “\$406 Plan” for 2024.

Summary Report for the Main San Gabriel Basin Watermaster Regular Board Meeting January 3, 2024

Public Hearing on Watermaster Draft Five-Year Water Quality and Supply Plan

No public comments were received. The Board of Directors adopted the Draft Five-Year Water Quality and Supply Plan as presented.

Replacement Water/Surcharge Accounting

The Board of Directors received and filed the Replacement Water/Surcharge Accounting.

San Gabriel Valley Water Company, Section 28, "Application to Destroy Well" Rurban Homes Mutual Water Company North Well No.1 and South Well No.2

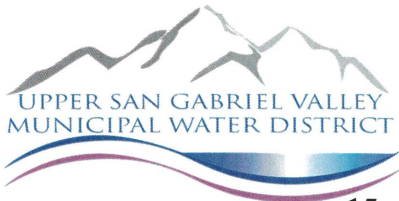
The Board of Directors approved retroactively SGVWC's application to destroy RHMWC's North Well No.1 and South Well No.2, subject to the conditions in the staff report.

California American Water Company, Section 28, "Application to Destroy Well" Roanoke Well

The Board of Directors approved California American Water Company's application to destroy its Roanoke Well, subject to the conditions in the staff report.



MEMORANDUM



15.
DIRECTORS’
REPORT (AB 1234)

Directors’ Activity Report – (AB 1234)
In accordance with CA Government Code Section 53232.3 (d)
February 2024

ANTHONY R. FELLOW, Division 1

Date	Event	Description/Topics
	No reportable activity.	

CHARLES M. TREVIÑO, Division 2

Date	Event	Description
	No reportable activity.	

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.	