

NOTICE OF REGULAR MEETING OF BOARD OF DIRECTORS

DATE: Wednesday, November 20, 2024

TIME: 6:00 p.m. Closed Session  
7:00 p.m. Open Session (time approximate)

LOCATION: Zone 7 Administration Building  
100 North Canyons Parkway, Livermore, California

LIVE STREAMING: Comcast Channel 29  
AT&T U-Verse Channel 99 (Livermore)  
Streaming Live at [tv29live.org](https://tv29live.org)

**THERE IS NO HYBRID OPTION AVAILABLE FOR THIS MEETING.**

This meeting will be conducted in person at the address listed above. Members of the public are welcome to attend the meeting in person.

Any member of the public wishing to address the Board on an item under discussion may do so upon receiving recognition from the President. If the public wishes to provide comment before the meeting, please email [publiccomment@zone7water.com](mailto:publiccomment@zone7water.com) by 12:00 p.m. on Wednesday, November 20<sup>th</sup>.

In compliance with the Americans with Disabilities Act, the meeting room is wheelchair accessible and disabled parking is available at the Zone 7 Administrative Building lot. If you are a person with a disability and you need disability-related modifications or accommodations to participate in this meeting, please contact the Executive Assistant, Donna Fabian, at (925) 454-5000. Notification 48 hours prior to the meeting will enable Zone 7 to make reasonable arrangements to ensure accessibility to this meeting. {28 CFR 35.102-35, 104 ADA Title II}.

## AGENDA

1. Call Zone 7 Water Agency Meeting to Order
2. Closed Session
  - a. Conference with Labor Negotiators pursuant to Government Code section 54954.5: Agency Negotiators: Valerie Pryor/Osborn Solitei Employee Organizations: Alameda County Management Employees Association; Alameda County Building and Construction Trades Council, Local 342, AFL-CIO; International Federation of Professional and Technical Engineers, Local 21, AFL-CIO; Local 1021 of the Service Employees International Union, CTW; Unrepresented Management
  - b. Conference with Legal Counsel – Existing litigation pursuant to Gov't Code section 54956.9(d) (1): (1) State Water Contractors v. California Department of Fish & Wildlife (JCCP Case No. 5117), (2) Stark v. Alameda County Flood Control and Water Conservation District, Zone 7 (Alameda County Superior Court Case No. 22-CV-5837), (3) Bautista v. Alameda County Flood Control and Water Conservation District, Zone 7 (Alameda County Superior Court Case No. 22-CV-10679); (4) Alameda County Flood Control & Water Conservation District, Zone 7 v. City of Pleasanton (Alameda County Superior Court Case No. 24-CV-61595); (5) In re: Aqueous Film-Forming Foams Products Liability Litigation (S.D. South Carolina, MDL No. 2: 18-mn-2873-RMG); (6) Munsell v. County of Alameda Civil Service Commission et al (Alameda County Superior Court, Case No. 24-CV-77110). (7) (Paragraph (1) of subdivision (d) of Section 54956.9) Tulare Lake Basin Water Storage District v. California Department of Water Resources, Sacramento County Superior Court Case No. 24WM000006 and related cases.
3. Open Session and Report Out of Closed Session
4. Pledge of Allegiance
5. Roll Call of Directors
6. Public Comment on Non-Agenda Items

*The Public Comment section provides an opportunity to address the Board of Directors on items that are not listed on the agenda, or informational items pertinent to the agency's business. The Board welcomes your comments and requests that speakers present their remarks in a respectful manner, within established time limits, and focus on issues which directly affect the agency or are within the jurisdiction of the agency. The Board will not be able to act on matters brought to its attention under this item until a future board meeting.*
7. Minutes
  - a. Special Board Meeting Minutes of September 25, 2024
  - b. Regular Board Meeting Minutes of October 16, 2024

8. Consent Calendar
  - a. Appropriate Funds for the Developer Reimbursement Agreement for the Camp Parks Detention Basin
  - b. Personnel Action: Environmental Health and Safety Program Manager, Zone 7
  - c. Award a Contract for Engineering Support to Flood Maintenance Activities
  - d. Appropriation of Additional Funds for the Regional Groundwater Facilities Project – Phase I (Feasibility Study)
  - e. Award a Contract for Mobile Fleet Washing and Detailing Services
  - f. Award a Contract for Homeless and Illegal Dumping Abatement
  - g. Personnel Action: Additional Positions for Succession Planning
  - h. Request for Out-of-State Travel to Attend Upcoming Association of California Water Agencies’ DC Conference

Recommended Action: Adopt Resolutions

9. Adoption of the 2025-2029 Strategic Plan

Recommended Action: Adopt Resolution

10. Annual Report on Human Resources Activities

Recommended Action: Information Only

11. Committees

- a. Legislative Committee Meeting Notes of September 26, 2024
- b. Water Resources Committee Meeting Notes of October 8, 2024

12. Reports – Directors

- a. Verbal Comments by President
- b. Written Reports
- c. Verbal Reports

13. Items for Future Agenda – Directors

14. Staff Reports

- a. General Manager’s Report
- b. October Outreach Activities
- c. Monthly Water Inventory and Water Budget Update
- d. Capital Projects Status Report
- e. Unaudited FY 2024-25 First Quarter Revenue and Expenditure Report

15. Adjournment

16. Upcoming Board Schedule: (All meeting locations are in the Boardroom at 100 North Canyons Parkway, Livermore, unless otherwise noted.)

- a. Legislative Committee Meeting: December 10, 2024, 4:00 p.m.
- b. Finance Committee Meeting: December 12, 2024, 11:00 a.m.
- c. Regular Board Meeting: December 18, 2024, 7:00 p.m.





MINUTES OF THE BOARD OF DIRECTORS

ALAMEDA COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT

ZONE 7

SPECIAL MEETING

September 25, 2024

Directors Present: Dawn Benson  
Catherine Brown  
Sandy Figuers  
Dennis Gambs  
Laurene Green  
Kathy Narum  
Sarah Palmer

Staff Present: Valerie Pryor, General Manager  
Chris Hentz, Assistant General Manager – Engineering  
Osborn Solitei, Treasurer/Assistant General Manager – Finance  
Ken Minn, Water Resources Manager  
Carol Mahoney, Government Relations Manager  
Donna Fabian, Executive Assistant

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Item 1 – Call Meeting to Order

President Gambs called the Special Meeting of the Board of Directors to order at 6:02 p.m.

Item 2 – Pledge of Allegiance

President Gambs led the Pledge of Allegiance.

Item 3 – Roll Call of Directors

All Directors were present.

Item 4 – Public Comment

There were no comments from the public.

### Item 5 – Strategic Plan Update

The Board convened for a Special Meeting to review and finalize the 5-year Strategic Plan for the period 2025–2029. The session was led by the consultant, Ed Means, who facilitated discussions on refining the agency's vision, mission, values, and goals, while also introducing potential initiatives for the upcoming Strategic Plan.

The Board reviewed updates from prior workshops and discussed areas such as water reliability, financial management, and organizational leadership. Mr. Means emphasized the Board's input in shaping the overall direction of the Agency, including feedback on goals and initiatives that will guide the Agency for the next five years.

The final draft of the Strategic Plan is expected to be presented for review at the Board Meeting on November 20, 2024.

### Item 6 – Adjournment

President Gambs adjourned the meeting at 7:39 p.m. in memory of Betty Boatmun, former ACWA President and long-time member of the Contra Costa Water District Board of Directors.

MINUTES OF THE BOARD OF DIRECTORS

ALAMEDA COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT  
ZONE 7

REGULAR MEETING

October 16, 2024

Directors Present: Dawn Benson  
Catherine Brown  
Sandy Figuers  
Dennis Gambs  
Laurene Green  
Kathy Narum  
Sarah Palmer

Staff Present: Valerie Pryor, General Manager  
Chris Hentz, Assistant General Manager – Engineering  
Osborn Solitei, Treasurer/Assistant General Manager – Finance  
Ken Minn, Water Resources Manager  
Lizzie Foss, Financial Analyst  
JaVia Green, Financial Analyst  
James Carney, Senior Planner  
Kevin Padway, Associate Planner  
Donna Fabian, Executive Assistant

General Counsel: Rebecca Smith, Downey Brand

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Item 1 – Call Zone 7 Water Agency Meeting to Order

President Gambs called the Zone 7 Water Agency meeting to order at 7:01 p.m.

Item 2 – Closed Session

The Board entered Closed Session at 6:07 p.m. and concluded at 6:28 p.m.

Item 3 – Open Session and Report Out of Closed Session

President Gambs stated that the Board met in Closed Session and there was nothing to report.

#### Item 4 – Pledge of Allegiance

President Gambs led the Pledge of Allegiance.

#### Item 5 – Roll Call of Directors

All Directors were present.

#### Item 6 – Public Comment

Public comment was received from Tina Tapia, Jeff Duritz, Jeff Tang and Sal Segura.

#### Item 7 – Minutes

Director Palmer moved to approve the minutes of the special Board meeting held on September 4, 2024, with Director Narum seconding. The motion carried with a 7-0 voice vote.

Director Palmer also moved to approve the minutes of the regular Board meeting on September 18, 2024, seconded by Director Benson. The motion was approved by a 7-0 voice vote.

#### Item 8 – Consent Calendar

Director Palmer moved to approve Items 8a through 8f and Director Green seconded the motion. The Consent Calendar was approved by a roll call vote of 7-0.

#### Item 9 – Proposed Untreated Water Rates for Calendar Year 2025

Lizzie Foss, Financial Analyst, presented the proposed untreated water rates for the 2025 calendar year, aligning with the agency's strategic fiscal responsibility goals. The 2025 untreated water rate calculation adheres to Board policy guidelines outlined in Resolution 21-77, setting the base rate at \$239 per acre-foot. The Finance Committee recommended reducing the reconciliation charge from \$42 to \$24 per acre-foot, bringing the total proposed rate to \$263 per acre-foot, unchanged from the current rate. The recommended action was to adopt the Resolution, incorporating the Finance Committee's recommendation and setting the untreated water rates effective January 1, 2025.

Director Green questioned the rationale for reducing the reconciliation charge from \$42 to \$24, to which Ms. Foss responded that it was in response to public concerns, particularly from vineyard operators facing increased water needs and operational challenges. Director Green also expressed concerns about the future impact of a larger reconciliation charge in year five. Ms. Foss clarified that the adjustment allows the agency to maintain the five-year collection schedule without extending it.

Public comment included letters from Tri-Valley Conservancy's Scott Akin and Lisa Roberts, both supporting the Finance Committee's recommendation. Vineyard operator Ken Wong

thanked the Committee for considering the financial challenges currently faced by the wine industry and acknowledged the cost burden associated with replanting vines.

Director Narum supported the Committee's decision to "pause" full collection this year, noting that inflation has often outpaced rate increases and that the Board can revisit the charge annually. Director Green; however, remained concerned that deferring charges might continue in future years, potentially creating an unsustainable burden later. Directors Benson and Palmer echoed support for a one-year pause, citing the importance of reallocation of funds for vineyard replanting. Ultimately, the Board approved the 2025 untreated water rate with a roll call vote of 6-1, with Director Green dissenting.

#### Item 10 – Review of Treated Water Rates for Calendar Years 2025 and 2026

JaVia Green, Financial Analyst, presented the review of treated water rates for 2025 and 2026, noting alignment with the agency's strategic goals of water reliability and fiscal responsibility. She confirmed that, following a comprehensive review, the adopted rate increases, set at 5.5% annually per the Board's four-year rate plan, are sufficient to meet revenue requirements without additional adjustments. This review included updated projections for revenues, expenses, and reserve balances, along with recent budget and policy changes.

Ms. Green also highlighted sensitivity analysis results: a 5% annual reduction in water sales would reduce revenue by \$3.6 million and lower reserves by \$2.8 million below target by FY 2026, while pausing the Calendar Year 2025 rate increase would result in a greater revenue shortfall of \$4.5 million. However, the review confirmed that current rate levels remain sufficient to achieve policy objectives, and no changes are recommended.

Director Green asked why Fund 120 – Water Enterprise Renewal/Replacement and System-Wide Improvements Fund (Fund 120) has no target or maximum reserve levels. Ms. Green explained that reserves are accumulated to cash-fund significant capital projects, managed through biennial budget reviews. Osborn Solitei, Treasurer/Assistant General Manager – Finance, added that project financing is balanced every year based on the capital improvement plan (CIP).

Director Palmer inquired about a sharp increase in expenses reflected in Fund 120, which Ms. Green attributed to major capital projects, including PFAS treatment facilities at Stoneridge and Chain of Lakes, and other well upgrades. Director Figuers raised a philosophical question about reserve levels amid fluctuating water sales, and Ms. Green clarified that only the Economic Uncertainties Reserve fluctuates with sales, as operating costs remain relatively fixed.

Director Narum asked if a sales dip could bring reserves below the minimum threshold. Ms. Green confirmed it would reduce reserves below target but still above minimum. President Gambs expressed support for maintaining the current rate structure to fund anticipated projects, particularly as estimates for the Mocho Wellfield PFAS project are refined. Directors Figuers and Benson noted that increased water usage would raise reserves but also increase operating costs, reinforcing the 5.5% annual rate adjustment as prudent. Director Palmer requested future reports include target and minimum reserve values for clarity.

The Board acknowledged the treated water rate review findings as informational.

#### Item 11 – Proposed Municipal & Industrial Water Connection Fees for Calendar Year 2025

Mr. Solitei presented the proposed Municipal and Industrial Water Connection Fees for 2025. The Board policy mandates that connection fees be updated annually according to the engineering record construction cost index (measured each September), which rose by 1.1% from 2023 to 2024. This increase results in a fee adjustment of approximately \$380 for the Alameda County service area, setting the new fee at \$34,910, and around \$360 for the Dougherty Valley, establishing a new fee of \$33,490. Mr. Solitei noted that a comprehensive connection fee study, last conducted in 2017, is underway and will be presented to the Board next year.

Director Palmer moved to approve the item, seconded by Director Narum. The motion passed by a roll call vote of 7-0.

#### Item 12 – Energy Project Prioritization Framework

James Carney, Senior Water Resources Planner, and Ricky Gutierrez, from Carollo Engineers, presented the Energy Project Prioritization Framework as part of the Zone 7 Energy Master Plan, supporting goals for operational efficiency and energy management strategy.

Projects were categorized into four priority levels: required, high, medium, and low. Required projects, like fleet electrification driven by CARB regulations, are mandated, while high-priority projects, such as converting the Stoneridge facility to PWRPA power and implementing solar projects, offer significant financial returns. Medium-priority projects, including the well pump efficiency study, show potential benefits but require further analysis. Low-priority projects were identified as viable for future consideration.

High-priority projects under review include the conversion of Stoneridge to PWRPA, which may provide substantial cost savings, a floating solar installation on Lake I, solar installation at Patterson Pass, and energy efficiency studies for groundwater wells and the Mocho Groundwater Demineralization Plant. Each project was evaluated for alignment with policy goals, potential savings, and associated risks. Staff will continue advancing required and high-priority projects and will integrate budget recommendations for the prioritized projects in early 2025.

Director Palmer inquired about Zone 7's ability to expand its usage of PWRPA for high-priority projects, given membership restrictions. Mr. Carney clarified that PWRPA assesses each facility on a case-by-case basis, allowing Zone 7 to include facilities where significant savings can be achieved. Mr. Carney confirmed that adding high-priority projects to PWRPA would not pose an issue.

Director Green asked about potential grants for project funding. Mr. Carney responded that while portions of Zone 7's service area may not qualify for certain federal grants, staff actively tracks funding opportunities for relevant infrastructure and vehicle incentives.

Director Narum asked about the Net Energy Metering (NEM) structure's impact on solar projects, particularly the transition from NEM 2.0 to NEM 3.0, which could affect project viability. Mr. Carney explained that NEM 2.0 economics favor Zone 7, that NEM 3.0 would likely not be as beneficial, and that any reversion from NEM 3.0 to NEM 2.0 would likely benefit planned solar projects.

President Gambis inquired about Power Purchase Agreements (PPAs), which allow Zone 7 to avoid capital costs while sharing savings with developers, and whether the existing solar facility at Del Valle Water Treatment Plant could benefit from PWRPA. Mr. Carney confirmed that Zone 7 currently benefits from a PPA at the Del Valle Water Treatment Plant, with its lease set to expire in the 2030s, at which point purchasing and transitioning it to PWRPA could be considered.

### Item 13 – 2023 Hazard Mitigation Plan Update

Kevin Padway, Associate Water Resources Planner, and Ryan Bray from Risk Management Professionals, presented the 2023 Hazard Mitigation Plan Update. The plan aims to identify long term strategies for risk reduction to Zone 7's assets and operations from specific hazards in support of Zone 7's strategic goals related to reliable water supply, safe water, flood protection, and effective operations. Hazard mitigation plans are required for certain federal pre-disaster funding eligibility. Zone 7 first participated in a multijurisdictional hazard mitigation plan in 2010, later adopting a single-jurisdiction plan in 2018, and is now considering a 2023 update consistent with a five year update cycle.

Mr. Bray explained that the 2023 update process involved a comprehensive review and alignment with new federal requirements, including an emphasis on climate change and vulnerable populations. A 14-member steering committee of Zone 7 staff and external stakeholders guided the update, focusing on enhancing emergency preparedness, protecting the environment, and fostering public awareness. Public engagement included workshops, a survey, and a comment period to meet Federal Emergency Management Agency (FEMA) requirements and gather community input.

The plan addresses nine hazards: flood, severe storms, drought, wildfire, earthquake, utility loss, infrastructure failure, water contamination, dam failure, and terrorism/adversarial events. Through a risk assessment and ranking exercise, Zone 7 identified flood and drought as moderate risks, with the others categorized as moderately low. Based on these findings, 25 conceptual mitigation actions were developed, however implementation of the specific actions would require additional evaluation and are contingent upon budget and staff resources.

The updated plan was reviewed by the Governor's Office of Emergency Services (Cal OES) and has obtained conditional approval from FEMA, pending Board adoption. This approval ensures Zone 7's eligibility for certain federal grant programs, such as the Hazard Mitigation Grant Program and BRIC, over the next five years.

Director Figuers acknowledged the comprehensive coverage of natural hazards in the plan and noted that the only recorded damage in the valley from the San Francisco earthquake was limited to liquefaction in the northeast corner. Director Benson expressed appreciation for Cal OES's collaboration and inquired about the exercises conducted to develop the plan's

recommendations. Mr. Bray explained that hazard rankings were determined through a matrix-based exercise involving agency staff familiar with local hazards. The exercise evaluated the likelihood, severity, and consequences of hazards to assign each a score, producing a prioritized ranking.

Public comment was received from Kelly Abreu.

Director Narum moved to approve the Resolution, seconded by Director Palmer, and the item passed by a 7-0 roll call vote.

Item 14 – Adopting the Department of Water Resources’ Findings of Fact, a Statement of Overriding Considerations, and authorizing a Notice of Determination to be filed as a Responsible Agency under the California Environmental Quality Act and authorizing continued Participation in the Delta Conveyance Project Process for 2026 and 2027

Valerie Pryor, General Manager, introduced the recommendation for Zone 7’s continued participation in the Delta Conveyance Project (DCP) for the 2026-2027 period, focusing on planning, permitting, and preconstruction work. Mr. Padway provided an overview of the DCP, highlighting its alignment with Zone 7’s strategic goals, including reliable water supply and infrastructure resilience. The DCP aims to ensure State Water Project (SWP) water supply reliability by constructing a 45-mile long tunnel to divert existing State Water Project Water Supplies to Bethany Reservoir, which is the location of the South Bay Pumping Plant. The project’s objectives are to address climate change impacts, enhance seismic resilience, increase water supply reliability, and provide operational flexibility.

Mr. Padway recounted several highlights from the August 21<sup>st</sup> DCP presentation from the Delta Conveyance Design and Construction Authority and the Department of Water Resources. Mr. Padway also reviewed the current status of the project, with DWR as the lead CEQA agency, and the current schedule contemplates construction beginning in 2029, targeting operational status by 2045. Historical data shows a decline in SWP reliability, currently at 53% and projected to drop further due to climate change and regulatory constraints. The DCP is expected to restore approximately 403,000 acre-feet of this lost SWP capacity, bringing SWP water supplies close to, but still below the current status quo. Zone 7’s share of the water from DCP is estimated at 9,000 to 10,000 acre-feet on average. This would help mitigate decreasing reliability and the DCP would improve water reliability to seismic risks.

Zone 7’s 2.2% share of DCP’s \$20.12 billion estimated capital cost equates to \$443 million, translating to a projected cost of \$3,200 per acre-foot once debt service and O&M costs are included. Mr. Padway noted additional benefits in water quality, including reduced salinity and lower boron, bromide, and chloride levels at Bethany Reservoir.

As a responsible agency, Zone 7 would need to adopt DWR’s CEQA findings, including a statement of overriding considerations, to authorize preconstruction work. Continued participation will grant Zone 7 access to information, influence in the project’s development, and the option to fully participate later. The proposed funding request is for up to \$6.6 million for 2026 and 2027, covered in Fund 100. Mr. Padway clarified that this funding covers only preconstruction, with a final construction decision to be determined at a future date.

Director Narum clarified that Zone 7's 2.2% share in the Delta Conveyance Project (DCP) aligns with its State Water Project share, ensuring adequate capacity for Zone 7's water needs. Director Figuers questioned the seasonal salinity modeling, which Mr. Padway agreed to research further. President Gambs highlighted the need for agencies to invest in storage solutions to utilize increased water from Article 21 allocations, with Zone 7's Chain of Lakes providing potential storage capacity.

Public comments included letters opposing the DCP funding and oral statements from several community members. Director Benson inquired about current funding levels for similar projects like Los Vaqueros and Sites, with Ms. Pryor confirming the budgeted amounts and noting that other agencies are still in the process of voting on DCP participation.

Director Green supported the project's benefits for water quality, system reliability, and modernizing infrastructure, viewing the DCP as a strategic and necessary long-term investment despite potential environmental impacts. Director Palmer emphasized the project's importance for ensuring reliable water supplies amid climate change, and highlighted improvements made through collaboration with environmental and tribal stakeholders. President Gambs reiterated that the DCP aligns with Zone 7's water management goals, particularly given limitations with Los Vaqueros.

Directors Figuers and Benson underscored the historical importance of water engineering in California. Director Benson also noted the DCP's extensive stakeholder engagement. Director Palmer concluded with support for Zone 7's role as an early supporter, reflecting the agency's forward-thinking approach to water resource management.

Director Palmer moved to approve the Resolution, seconded by Director Green. The item passed with a roll call vote of 7-0.

#### Item 15 – Award Regional Project Drilling and Consultant Contracts

Ms. Pryor presented a proposal to award contracts for the regional groundwater project, a collaboration between Zone 7 and the City of Pleasanton to explore the Bernal Subbasin for potential new groundwater wells. This joint project, intended to diversify groundwater sources and recover Pleasanton's pumping quota, aims to reduce costs for both agencies. The first phase involves drilling test wells and hiring a consultant to analyze feasibility and design. Nor-Cal Pump & Well Drilling was the lowest responsible bidder for the test wells, and Luhdorff & Scalmanini was selected as the consulting firm.

Director Figuers asked about the well depths, suggesting drilling one well to 1,000 feet to conduct heat flow testing to determine groundwater flow depth. Ms. Pryor agreed to explore the cost of such an amendment. Director Green expressed confidence in the project's thoughtful approach, while Director Narum emphasized the importance of timely progress due to drought concerns, highlighting groundwater's critical role during previous shortages.

Director Palmer and President Gambs reiterated that this phase is strictly exploratory, with President Gambs noting the flexibility required for change orders based on depth findings. Director Benson inquired about potential collaboration with UC Davis on groundwater research, which Ms. Pryor confirmed would be handled through separate initiatives, if pursued.

The Board expressed strong support for the project, noting the benefits of collaboration with the City of Pleasanton. Director Narum moved to adopt the first Resolution, seconded by Director Green. Director Palmer moved to accept the second Resolution, with Director Narum seconding. Both motions passed unanimously.

#### Item 16 – Committees

There were no comments on the Committee notes.

#### Item 17 – Reports – Directors

Director Palmer submitted a written report and Directors Narum and Palmer, and President Gambs gave verbal reports.

President Gambs reminded attendees of the Flood Open House scheduled for Saturday, October 19<sup>th</sup>, from 10:00 a.m. to 2:00 p.m., hosted at the Zone 7 headquarters.

#### Item 18 – Items for Future Agenda – Directors

There were no requests for future agenda items.

#### Item 19 – Staff Reports

There were no comments on the staff reports.

#### Item 16 – Adjournment

President Gambs adjourned the meeting at 10:32 p.m.



**ORIGINATING SECTION:** Flood Protection Engineering

**CONTACT:** Jeff Tang/Edward Reyes

**AGENDA DATE:** November 20, 2024

**SUBJECT:** Appropriate Funds for the Developer Reimbursement Agreement for the Camp Parks Detention Basin

**SUMMARY:**

- To support Zone 7's mission to deliver safe, reliable, efficient, and sustainable flood protection services, Zone 7 implements projects to maintain its flood protection system. The proposed action is in support of Strategic Plan Initiative 9 – Continue to maintain the Flood Protection System.
- In June 2017, under Resolution 17-48, the Board authorized a Developer Reimbursement Agreement (Agreement) with Dublin Crossing, LLC, to construct a detention basin in the United States Army's Camp Parks Reserve Forces Training Area (Camp Parks) in the City of Dublin. The detention basin was sized larger than required for the development to provide additional capacity for regional flood protection.
- The Agreement includes Zone 7 reimbursing Dublin Crossing, LLC, an amount not-to-exceed \$3,036,960 for the actual costs to construct the additional detention basin capacity and the costs to assist with the acquisition and dedication to Zone 7 of easements from the United States Army for the detention basin and adjoining creek within Camp Parks.
- All detention basin improvements and easement acquisitions are complete. Staff has determined that Dublin Crossing, LLC, qualifies for reimbursement in the amount of \$3,035,008.
- Staff recommends the Board appropriate an additional \$3,035,008 in the Fiscal Year (FY) 2024-25 budget to fund the reimbursement for construction and easements acquired for the Camp Parks detention basin.

**FUNDING:**

An additional appropriation of \$3,035,008 in the FY 2024-25 budget from Fund 210 – Flood Protection Development Impact Fee Fund is required to reimburse Dublin Crossings, LLC, for the construction and easements obtained for the Camp Parks detention basin.

**RECOMMENDED ACTION:** Adopt the attached Resolution.

**ATTACHMENT:** Resolution

ZONE 7  
ALAMEDA COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT  
BOARD OF DIRECTORS

RESOLUTION NO. 24-89

INTRODUCED BY DIRECTOR  
SECONDED BY DIRECTOR

**Appropriate Funds for the Developer Reimbursement Agreement for the  
Camp Parks Detention Basin**

WHEREAS, to support Zone 7's mission to deliver safe, reliable, efficient, and sustainable water and flood protection services, Zone 7 implements projects to maintain its flood protection system; and

WHEREAS, the proposed action is in support of Strategic Plan Initiative 9 – Continue to maintain the Flood Protection System; and

WHEREAS, in June 2017, under Resolution 17-48, the Board authorized the General Manager to negotiate and execute a Developer Reimbursement Agreement with Dublin Crossings, LLC, to construct and acquire easements for a detention basin within the Camp Parks Reserve Forces Training Area in the City of Dublin that was sized larger than required for the development to provide additional capacity for regional flood protection; and

WHEREAS, the Developer Reimbursement Agreement, A18-09-DUB, includes Zone 7 reimbursing Dublin Crossings, LLC, in an amount not to exceed \$3,036,960 for the actual costs to construct the additional detention basin capacity and the costs to assist with the acquisition and dedication to Zone 7 of easements from the United States Army for the detention basin and adjoining creek within Camp Parks; and

WHEREAS, all detention basin improvements and easement acquisitions are complete; and

WHEREAS, Zone 7 has determined that Dublin Crossing, LLC, qualifies for reimbursement in the amount of \$3,035,008.

NOW, THEREFORE, BE IT RESOLVED that the Board of Directors of Zone 7 of the Alameda County Flood Control and Water Conservation District does hereby appropriate an additional \$3,035,008 in the Fiscal Year 2024-25 budget from Fund 210 – Flood Protection Development Impact Fee Fund as required to reimburse Dublin Crossings, LLC, for construction and easements acquired for the Camp Parks Detention Basin.

ADOPTED BY THE FOLLOWING VOTE:

AYES:

NOES:

ABSENT:

ABSTAIN:

I certify that the foregoing is a correct copy of a Resolution adopted by the Board of Directors of Zone 7 of the Alameda County Flood Control and Water Conservation District on November 20, 2024.

By: \_\_\_\_\_  
President, Board of Directors

**ORIGINATING SECTION:** Administrative Services  
**CONTACT:** Shelisa Jackson/Osborn Solitei

**AGENDA DATE:** November 20, 2024

**SUBJECT:** Personnel Action: Environmental Health and Safety Program Manager, Zone 7

**SUMMARY:**

- The Agency continues to assess staffing needs, as we maintain a lean, cost-effective organizational model aligned with our goals. This proposed action is in support of Strategic Plan Initiative No. 11 – Review professional development approach to maintain workforce capability for now and into the future.
- Based on operational need, the Environmental Health and Safety Program Manager, Zone 7 classification will be responsible for performing administrative environmental, health and safety, and emergency response duties in support of the Agency’s program and functions and providing first-line supervision to assigned safety staff. Administrative responsibilities include planning, organizing, developing, implementing, and coordinating the activities of the Agency’s environmental, health and safety, and emergency management program. The Environmental Health and Safety Program Manager will serve as an active and visible proponent of safety and emergency preparedness, which includes safety training, investigations, ensuring compliance with applicable state and federal health and safety regulations, and fostering an Agency-wide safety culture.
- The Environmental Health and Safety Program Manager, Zone 7 classification was approved by the Alameda County Civil Service Commission at the September 18, 2024, meeting.
- The proposed salary structure will be deep class with the salary based on the external market survey as follows:

<b>Environmental Health and Safety Program Manager, Zone 7</b>					
<b>Effective: November 24, 2024</b>	<b>STEP 1</b>	<b>STEP 2</b>	<b>STEP 3</b>	<b>STEP 4</b>	<b>STEP 5</b>
<b>Bi-Weekly</b>	<b>\$6,006.40</b>				<b>\$7,300.80</b>
<b>Hourly</b>	<b>\$75.08</b>				<b>\$91.26</b>

**FUNDING:**

The cost for the Environmental Health and Safety Program Manager, Zone 7 position is approximately \$295,000 per year, including benefits. Funding for this position is available in Fund 100 – Water Enterprise Operations and Fund 200 – Flood Protection Operations.

**RECOMMENDED ACTION:**

The General Manager recommends that the Board adopt the attached Resolution to (1) approve the addition of one position at the proposed salary schedule; and (2) authorize the General Manager to approve and sign the salary schedule for this position.

**ATTACHMENT:**

Resolution

ZONE 7  
ALAMEDA COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT

BOARD OF DIRECTORS

RESOLUTION NO. 24-90

INTRODUCED BY DIRECTOR  
SECONDED BY DIRECTOR

**Personnel Action: Environmental Health and Safety Program Manager, Zone 7**

WHEREAS, Zone 7 of the Alameda County Flood Control and Water Conservation District is committed to delivering safe, reliable, efficient, and sustainable water and flood protection services; and

WHEREAS, Zone 7 continues to assess the staffing needs of the Agency as we maintain a lean, cost-effective organizational model aligned with our goals and Strategic Plan Initiative No. 11 – Review professional development approach to maintain workforce capability for now and into the future.

NOW, THEREFORE, BE IT RESOLVED that the Board of Directors of Zone 7 of the Alameda County Flood Control and Water Conservation District does hereby approve the following personnel action:

New classification and salary schedule for Environmental Health and Safety Program Manager, Zone 7, effective November 24, 2024:

<b>Environmental Health and Safety Program Manager, Zone 7</b>					
<b>Effective: November 24, 2024</b>	<b>STEP 1</b>	<b>STEP 2</b>	<b>STEP 3</b>	<b>STEP 4</b>	<b>STEP 5</b>
<b>Bi-Weekly</b>	<b>\$6,006.40</b>				<b>\$7,300.80</b>
<b>Hourly</b>	<b>\$75.08</b>				<b>\$91.26</b>

; and

BE IT FURTHER RESOLVED that the General Manager of Zone 7 is hereby authorized and directed to approve and sign the salary schedule for this position; and

BE IT FURTHER RESOLVED that the Auditor Controller of Alameda County is authorized and directed to draw the necessary payroll warrants from Zone 7 funds in accordance with the adopted schedule.

ADOPTED BY THE FOLLOWING VOTE:

AYES:

NOES:

ABSENT:

ABSTAIN:

I certify that the foregoing is a correct copy of a Resolution adopted by the Board of Directors of Zone 7 of the Alameda County Flood Control and Water Conservation District on November 20, 2024.

By: \_\_\_\_\_  
President, Board of Directors





**ORIGINATING SECTION:** Flood Protection Engineering

**CONTACT:** Edward Reyes

**AGENDA DATE:** November 20, 2024

**SUBJECT:** Award a Contract for Engineering Support to Flood Maintenance Activities

**SUMMARY:**

- To support Zone 7's mission to deliver safe, reliable, efficient, and sustainable flood protection services, Zone 7 implements flood protection projects and related activities. The proposed action is in support of Strategic Plan Initiative 9 – Continue to maintain the Flood Protection System.
- Zone 7 has an ongoing need for engineering support and guidance for maintenance activities on Zone 7 flood protection facilities. These services include assessing channel conditions, training staff in assessment techniques, setting guidelines for routine maintenance practices, providing permitting support, and designing channel maintenance projects.
- Wood Rodgers worked directly with Flood Maintenance staff over the past two years to develop new practices for channel assessments, including preparing standard forms and summaries that enable condition and capacity comparison over time. They aided with semi-annual inspections, both before and after the winter-storm season, continue to guide the staff on assessment techniques, and support prioritization of maintenance efforts based on conditions and channel capacities.
- The purchasing policy allows for sole source purchases under Section 6 (r)(b). The proposed sole source procurement of services from Wood Rodgers, Inc., complies with the policy. Wood Rodgers brings specialized knowledge of Zone 7's flood protection assessment and maintenance prioritization that is needed to support ongoing efforts. They are uniquely familiar with Zone 7's flood maintenance condition-based capacity assessments through their development of the approach, and their efforts continue to create baseline assessments that will guide decisions as the program progresses.
- Staff recommends the Board authorize the General Manager to negotiate, execute, and amend as needed a contract with Wood Rodgers, Inc., for a not-to-exceed amount of \$400,000 for the two-year period of Fiscal Years (FYs) 2024-25 through 25-26.

**FUNDING:**

Funding is included in the adopted Two-Year Budget for FYs 2024-2026 for Fund 200 – Flood Protection Operations and Fund 210 – Flood Protection Development Impact Fee Fund. Funding for additional fiscal years will be requested in subsequent budget requests.

**RECOMMENDED ACTION:**

Adopt the attached Resolution.

**ATTACHMENT:**

Resolution

ZONE 7  
ALAMEDA COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT

BOARD OF DIRECTORS

RESOLUTION NO. 24-91

INTRODUCED BY DIRECTOR  
SECONDED BY DIRECTOR

**Award a Contract for Engineering Support to Flood Maintenance Activities**

WHEREAS, to support Zone 7's mission to deliver safe, reliable, efficient, and sustainable flood protection services, Zone 7 implements flood protection projects and related activities; and

WHEREAS, the proposed action is in support of Strategic Plan Initiative 9 – Continue to maintain the Flood Protection System; and

WHEREAS, Zone 7 has an ongoing need for engineering support and guidance for maintenance activities on Zone 7 flood protection facilities; and

WHEREAS, Zone 7 purchasing policy allows for sole source purchases under Section 6 (r)(b) and the recommended sole source procurement of services from Wood Rodgers, Inc., complies with the policy as Wood Rodgers, Inc., is uniquely familiar with Zone 7's flood facilities maintenance program, is supporting development of the capacity and condition assessment approach, and has developed specialized knowledge of Zone 7's flood protection system and maintenance approach.

NOW, THEREFORE, BE IT RESOLVED that the Board of Directors of Zone 7 of the Alameda County Flood Control and Water Conservation District does hereby authorize the General Manager to negotiate, execute, and amend as necessary a contract with Wood Rodgers, Inc., for on-call engineering support to flood maintenance activities for a not-to-exceed amount of \$400,000, for the two-year period of Fiscal Years (FYs) 2024-25 to FY 2025-26.

ADOPTED BY THE FOLLOWING VOTE:

AYES:

NOES:

ABSENT:

ABSTAIN:

I certify that the foregoing is a correct copy of a Resolution adopted by the Board of Directors of Zone 7 of the Alameda County Flood Control and Water Conservation District on November 20, 2024.

By: \_\_\_\_\_  
President, Board of Directors





100 North Canyons Parkway  
Livermore, CA 94551  
(925) 454-5000

**ORIGINATING SECTION:** Office of the General Manager  
**CONTACT:** Valerie Pryor

**AGENDA DATE:** November 20, 2024

**SUBJECT:** Appropriation of Additional Funds for the Regional Groundwater Facilities Project - Phase I (Feasibility Study)

**SUMMARY:**

- To support the Mission to deliver safe, reliable, efficient, and sustainable water, Zone 7 Water Agency (Zone 7) is partnering with the City of Pleasanton (City) to evaluate the feasibility of a Joint Regional Groundwater Facilities Project (Project) in the Bernal subbasin. This action supports Strategic Plan Goal A – Reliable Water Supply and Infrastructure and is to implement Strategic Plan Initiative #2 – Evaluate and develop appropriate new water supply and reliability opportunities.
- At the July 2024 Board Meeting, the Zone 7 Board authorized the General Manager to enter into the “Agreement between Zone 7 Water Agency and the City of Pleasanton for the Regional Groundwater Facilities Project – Phase I”. This agreement defines the project description, the scope of work, contractor/consultant services, cost-sharing, and decision-making process, among others for a feasibility study into a potential joint project to install additional groundwater supply wells. Feasibility study costs are split equally between Zone 7 and Pleasanton.
- At the October 16, 2024, the Board adopted Resolution No. 24-87 and 24-88 authorizing the General Manager to enter into a contract with Nor-Cal Pump & Well Drilling, Inc. for an amount not to exceed \$1,541,000, including a 10% contingency, and to negotiate and execute a contract with Luhdorff & Scalmanini Consulting Engineers, Inc. (LSCE) for an amount not to exceed \$1,192,220, including a 10% contingency.
- The actual bid prices exceeded the appropriated budget for this project. Therefore, additional appropriation of \$933,220 is required to complete the project. Of this amount, approximately \$167,000 is for Zone 7’s optional items to be funded by Zone 7, and the remaining balance will be shared between Zone 7 and the City of Pleasanton approximately \$413,000 each.

**FUNDING:**

The total cost, including 10% contingency for both the drilling contract and consulting contract, is \$2,733,220. The FY 2024-26 Two-Year Adopted Budget for Fund 120 – Water

Renewal/Replacement and System-wide Improvements (Fund 120) and Fund 130 – Water Enterprise Expansion (Fund 130) includes \$1,800,000 for this project. However, to cover project costs totaling approximately \$2,733,220, an additional appropriation of \$933,220 in the Fiscal Year 2024-25 budget from Fund 120 and Fund 130 is requested to complete the project. The estimated cost share is \$1,449,968 for Zone 7 and \$1,283,252 for Pleasanton.

**RECOMMENDED ACTION:**

Adopt the attached Resolution.

**ATTACHMENT:**

Resolution

ZONE 7

ALAMEDA COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT

BOARD OF DIRECTORS

RESOLUTION NO. 24-92

INTRODUCED BY DIRECTOR

SECONDED BY DIRECTOR

**Appropriation of Additional Funds for the  
Joint Regional Groundwater Facilities Project**

WHEREAS, in support of Zone 7 Water Agency's (Zone 7's) mission to deliver safe, reliable, efficient, and sustainable Water, Zone 7 is partnering with the City of Pleasanton (City) on a Joint Regional Groundwater Facilities Project (Project), which supports Strategic Goal A – Reliable Water Supply and Infrastructure and is to implement Strategic Plan Initiative #2 – Evaluate and develop appropriate new water supply and reliability opportunities; and

WHEREAS, a feasibility study (Project Phase I) is necessary to evaluate the feasibility of the project, including costs for each party, groundwater sustainability, potential impacts on basin storage, water quality, and the known PFAS plume, so that a well-informed decision can be made on whether to proceed with planning, design, and construction to install additional water supply wells in the Bernal Subbasin; and

WHEREAS, Zone 7 and the City of Pleasanton entered into the "Agreement between Zone 7 Water Agency and the City of Pleasanton for the Regional Groundwater Facilities Project – Phase I" on August 8, 2024, and

WHEREAS, on October 16, 2024, the Board of Directors of Zone 7 of the Alameda County Flood Control and Water Conservation District adopted Resolution No. 24-87 authorizing the General Manager to negotiate, execute, and amend the Agreement between Zone 7 Water Agency and Nor-Cal Pump & Well Drilling, Inc. with a not-to-exceed contract amount of \$1,541,000, and

WHEREAS, on October 16, 2024, the Board of Directors of Zone 7 of the Alameda County Flood Control and Water Conservation District adopted Resolution No. 24-88 authorizing the General Manager to negotiate, execute, and amend the Agreement between Zone 7 Water Agency and Luhdorff & Scalmanini Consulting Engineers, Inc. with a not-to-exceed contract amount of \$1,192,220.

NOW, THEREFORE, BE IT RESOLVED that the Board of Directors of Zone 7 of the Alameda County Flood Control and Water Conservation District does hereby appropriate an additional \$933,220 in the Fiscal Year 2024-25 budget of which \$466,610 shall be appropriated to Fund 120 – Water Enterprise Renewal/Replacement and System-wide Improvements and \$466,610 shall be appropriated to Fund 130 – Water Enterprise Expansion for this project.

ADOPTED BY THE FOLLOWING VOTE:

AYES:

NOES:

ABSENT:

ABSTAIN:

I certify that the foregoing is a correct copy of a Resolution adopted by the Board of Directors of Zone 7 of the Alameda County Flood Control and Water Conservation District on November 20, 2024.

By: \_\_\_\_\_  
President, Board of Directors

**ORIGINATING SECTION:** Maintenance – Fleet

**CONTACT:** Jon Nicolaus/John Palfin

**AGENDA DATE:** November 20, 2024

**SUBJECT:** Award a Contract for Mobile Fleet Washing and Detailing Services

**SUMMARY:**

- To support Zone 7's mission to deliver safe, reliable, efficient, and sustainable water and flood protection services, Zone 7 maintains its fleet vehicles in professional condition consistent with Strategic Plan Goal E – Effective Operations.
- Mobile vehicle washing and detailing services provide an effective method to keep Zone 7's fleet of 45 vehicles appearance professional, increase the longevity of the vehicles, and improve the safety of visibility for drivers. The cost of mobile fleet washing services averaged approximately \$80,000 per year for the last two years, which is consistent with the proposed contract.
- A Request for Proposal was issued to qualified vendors to solicit bids, with Kept Companies Inc., being the lowest responsible and qualified bidder.
- Staff recommend that the Board authorize the General Manager to award, negotiate, execute, and amend as necessary a contract to Kept Companies Inc., for mobile fleet washing and detailing services for a three-year term starting January 1, 2025, through December 31, 2027, for a contract amount not-to-exceed amount of \$240,000. The contract maybe be extended, based on satisfactory performance, for up to two (2) additional one-year terms (January 1, 2028, through December 31, 2029), for a total five-year not-to-exceed contract amount of \$410,000.

**FUNDING:**

Funding is available in the FY 2024-26 budget in Fund 100 – Water Enterprise Operations and Fund 200 – Flood Maintenance. Funding for additional years will be requested in subsequent budget requests.

**RECOMMENDED ACTION:**

Adopt the attached Resolution.

**ATTACHMENT:**

Resolution

ZONE 7  
ALAMEDA COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT  
BOARD OF DIRECTORS

RESOLUTION NO. 24-

INTRODUCED BY DIRECTOR  
SECONDED BY DIRECTOR

**Award a Contract for Mobile Fleet Washing and Detailing Services**

WHEREAS, this agreement supports Zone 7's mission to deliver safe, reliable, efficient, and sustainable water and flood protection services; and

WHEREAS, fleet washing services will support Strategic Plan Goal E – Effective Operations to provide the agency with effective leadership, administration and governance; and

WHEREAS, fleet washing services will maintain a professional vehicle appearance, increase the longevity of the vehicle and improve the safety and visibility for the driver; and

WHEREAS, a Request for Quotation (RFQ #2025-001) was issued to qualified vendors to solicit bidders for mobile fleet washing and detailing services via OpenGov procurement and was published in the East Bay Times/Valley Times Newspaper on October 3, 2024, and October 10, 2024; and

WHEREAS, Kept Companies Inc. was found to be the lowest responsible and qualified bidder.

NOW, THEREFORE, BE IT RESOLVED that the Board of Directors of Zone 7 of the Alameda County Flood Control and Water Conservation District does hereby authorize the General Manager to negotiate, execute and amend as-needed a maintenance services contract with Kept Companies Inc. for mobile fleet washing and detailing services for a three-year term starting January 1, 2025, through December 31, 2027, for a contract amount not-to-exceed \$240,000 and

BE IT FURTHER RESOLVED that the General Manager be authorized to extend the fleet washing services contract based on satisfactory performance for up to two (2) additional one-year terms (January 1, 2028, through December 31, 2029) for a total of a five-year not-to-exceed contract amount of \$410,000.

ADOPTED BY THE FOLLOWING VOTE:

AYES:

NOES:

ABSENT:

ABSTAIN:

I certify that the foregoing is a correct copy of a Resolution adopted by the Board of Directors of Zone 7 of the Alameda County Flood Control and Water Conservation District on November 20, 2024.

By: \_\_\_\_\_  
President, Board of Directors



**ORIGINATING SECTION:** Flood Maintenance  
**CONTACT:** Michael Miller

**AGENDA DATE:** November 20, 2024

**SUBJECT:** Award a Contract for Homeless and Illegal Dumping Abatement, Contract RFQ  
#2025-000

**SUMMARY:**

- To support Zone 7 Water Agency's (Zone 7) mission to deliver safe, reliable, efficient, and sustainable flood protection services, Zone 7 implements flood maintenance projects and related activities that require transportation of materials. These projects and related activities are in support of Strategic Plan Initiative 9 – Continue to maintain the Flood Protection System.
- Homeless and Illegal Dumping Abatement services provide trained labor, materials, and equipment to safely remove trash, debris, and hazardous waste along flood control channels, roads and the Chain of Lakes. The flood maintenance department does not have in-house resources to perform this work.
- The existing five-year Homeless and Illegal Dumping Abatement services contract, which was awarded in 2020 for an amount not to exceed \$1,892,040, incurred average annual expenditures of approximately \$100,000. The existing contract expired on July 1, 2024.
- In accordance with the California Public Contract Code, Zone 7 advertised and solicited bids for a three-year contract, with the option to extend the contract for two additional years and received 3 bids, with a low bid of \$ 525,000 (approximately \$175,000 per fiscal year) from American Integrated Services Inc.
- Bids were reviewed by Zone 7 staff who determined that the lowest responsive and responsible bidder is American Integrated Services Inc. The proposed contract is structured such that payments will be made on an on-call and time and materials basis using the unit prices included in the contractor's bid.
- The proposed contract is for a three-year period starting November 25, 2024, in an amount of \$175,000 per fiscal year, which is consistent with the proposed 2-year budget
- Staff recommends that the Board:
  - 1) Authorize the General Manager to execute a three-year construction contract with American Integrated Services Inc., in a total amount not to exceed \$525,000; and

- 2) Authorize the General Manager to extend the contract for up to two additional one-year terms, based on satisfactory performance, in an amount \$175,000 per fiscal year for FY 2027-28 and FY 2028-29, for a total five year not-to-exceed contract amount of \$875,000.

**FUNDING:**

Funding is available in the FY 2024-26 budget for Fund 200 – Flood Maintenance. Funding for additional years will be requested in subsequent budget requests.

**RECOMMENDED ACTION:**

Adopt the attached Resolution.

**ATTACHMENT:**

Resolution

ZONE 7  
ALAMEDA COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT

BOARD OF DIRECTORS

RESOLUTION NO. 24-94

INTRODUCED BY DIRECTOR  
SECONDED BY DIRECTOR

**Award Contract for Homeless Encampment and Illegal Dumping Abatement**

WHEREAS, Zone 7 of the Alameda County Flood Control and Water Conservation District is committed to delivering safe, reliable, efficient, and sustainable water and flood protection services; and

WHEREAS, Zone 7 has need for homeless encampment and illegal dumping abatement services are in support of Strategic Plan Goal D: Effective Flood Protection, Initiative #9 Continue to maintain the Flood Protection System, and

WHEREAS, American Integrated Services Inc. will provide labor, materials, and equipment to remove trash, debris, and hazardous waste related to homeless encampment and illegal dumping along flood control channels; and

WHEREAS, Zone 7 conducted a Request for Quote (RFQ #2025-000) process for as needed Homeless and Illegal Dumping Abatement services, American Integrated Services Inc. was the lowest responsible bidder; and

NOW, THEREFORE, BE IT RESOLVED that the Board of Directors of Zone 7 of the Alameda County Flood Control and Water Conservation District does hereby authorize the General Manager to negotiate, execute, and amend as needed a Homeless and Illegal Dumping Abatement services contract with American Integrated Services Inc., for \$175,000 per fiscal year for the next three fiscal years (FY 2024/25, FY 2025/26, and FY 2026/27) for a contract amount not-to-exceed \$525,000; and

BE IT FURTHER RESOLVED that the General Manager be authorized to extend the contract for up to two additional one-year terms (for FY 2027-28 and FY 2028-29), for a total five year not-to-exceed contract amount of \$875,000, (approximately \$175,000 per Year).

ADOPTED BY THE FOLLOWING VOTE:

AYES:

NOES:

ABSENT:

ABSTAIN:

I certify that the foregoing is a correct copy of a Resolution adopted by the Board of Directors of Zone 7 of the Alameda County Flood Control and Water Conservation District on November 20, 2024.

By: \_\_\_\_\_  
President, Board of Directors



**ORIGINATING SECTION:** Administrative Services

**CONTACT:** Shelisa Jackson/Osborn Solitei

**AGENDA DATE:** November 20, 2024

**SUBJECT:** Personnel Action: Additional Positions for Succession Planning

**SUMMARY:**

- The Agency continues to assess staffing needs, as we maintain a lean, cost-effective organizational model aligned with our goals. This proposed action is in support of Strategic Plan Initiative No. 11 – Review professional development approach to maintain workforce capability for now and into the future.
- Succession planning is a critical organizational strategy that prepares the Agency for both expected and unexpected changes in key roles to ensure continuity of operations, allows for transfer of institutional knowledge, builds a workforce capable and prepared to meet both current and future operational needs, and cultivates a culture of development, growth, and inclusivity. Additionally, for recruiting, candidates are likely to view the Agency as forward-thinking, which enhances the Agency’s brand in the market, which is critical to attracting and retaining top talent.
- To proactively address the operational needs of the Agency, and considering upcoming retirements in our Maintenance and Engineering sections, the following key three positions necessitate advanced recruitment efforts to allow for training and knowledge transfer:
  - Water Resources Technician II - Engineering records management and Engineering productivity (e.g. encroachment permits, construction inspections, etc.).
  - Electrician - Minimum staffing levels to support operations and/or respond to emergencies.
  - Water Quality Chemist – Minimum staffing levels for laboratory functions and including testing, analysis, and data management to ensure the Agency is able to continue to meet all regulatory requirements.

**FUNDING:**

The cost for the three positions is approximately \$546,000 per year, including benefits. Funding for these positions will come from Fund 100 – Water Enterprise Operations.

**RECOMMENDED ACTION:**

The General Manager recommends that the Board adopt the attached Resolution to approve the addition of three new unfunded positions.

**ATTACHMENT:**

Resolution

ZONE 7  
ALAMEDA COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT

BOARD OF DIRECTORS

RESOLUTION NO. 24-

INTRODUCED BY DIRECTOR  
SECONDED BY DIRECTOR

**Personnel Action: Additional Positions for Succession Planning**

WHEREAS, Zone 7 of the Alameda County Flood Control and Water Conservation District is committed to delivering safe, reliable, efficient, and sustainable water and flood protection services; and

WHEREAS, Zone 7 continues to assess the staffing needs of the Agency as we maintain a lean, cost-effective organizational model aligned with our goals and Strategic Plan Initiative No. 11 – Review professional development approach to maintain workforce capability for now and into the future.

WHEREAS, to proactively address the operational needs of the Agency and facilitate succession planning, three (3) unfunded positions are being requested to allow for training and knowledge transfer:

NOW, THEREFORE, BE IT RESOLVED that the Board of Directors of Zone 7 of the Alameda County Flood Control and Water Conservation District does hereby approve the addition of the following unfunded positions to the FY 2024-25 Budget, effective November 24, 2024, for the following job classifications:

- Water Resources Technician II, Zone 7
- Electrician, Zone 7
- Water Quality Chemist, Zone 7

BE IT FURTHER RESOLVED that the Board appropriate an additional \$546,000 in the Fiscal Year 2024-25 Personnel Budget in Fund 100 – Water Enterprise Operations for the three new positions.

BE IT FURTHER RESOLVED that the Auditor Controller of Alameda County is authorized and directed to draw the necessary payroll warrants from Zone 7 funds in accordance with the salary schedules for these positions.

ADOPTED BY THE FOLLOWING VOTE:

AYES:

NOES:

ABSENT:

ABSTAIN:

I certify that the foregoing is a correct copy of a Resolution adopted by the Board of Directors of Zone 7 of the Alameda County Flood Control and Water Conservation District on November 20, 2024.

By: \_\_\_\_\_  
President, Board of Directors





100 North Canyons Parkway  
Livermore, CA 94551  
(925) 454-5000

**ORIGINATING SECTION:** Administration

**CONTACT:** Donna Fabian

**AGENDA DATE:** November 20, 2024

**SUBJECT:** Request for Out-of-State Travel to Attend Upcoming Association of California Water Agencies' DC Conference

**SUMMARY:**

Directors Benson and Green, and Carol Mahoney, Government Relations Manager, have expressed an interest in attending the Association of California Water Agencies' (ACWA) Annual DC Conference to be held February 25-February 27, 2025, in Washington, D.C. The preliminary agenda is not available at the time of this report. This event traditionally provides an opportunity to learn about the priorities of Congress and the Administration, to get the latest on the budget and funding for programs of interest to Zone 7, to meet and join fellow water agencies in demonstrating the national importance of California water issues and to allow attending members to be better positioned to develop federal legislative and regulatory strategies. Meeting highlights usually include learning from Congressional leaders, top officials from EPA, US Army Corps of Engineers, Bureau of Reclamation, etc., as well as to learn about the 2025 agendas of members of the California Congressional Delegation. Time is allotted for individual meetings with Congressional members or their staff.

In general, Directors and staff may attend any in-state ACWA event without seeking approval from the Board for reimbursement of travel and registration expenses. Also, Directors who serve in a committee which is meeting at the conference can attend the conference. However, this is an out-of-state conference so additional Board authorization must be obtained for both board and staff members.

**FINANCIAL:**

Registration for ACWA's Annual DC conference is estimated at \$825; there are also miscellaneous expenses associated with attendance, i.e., airfare, parking, accommodations, with a total cost estimated at \$4,300 per person. Funds are available from Fund 100 - Water Enterprise Operations.

**RECOMMENDED ACTION:**

Adopt the attached Resolution.

**ATTACHMENT:**

Resolution

ZONE 7  
ALAMEDA COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT  
BOARD OF DIRECTORS

RESOLUTION NO. 24-96

INTRODUCED BY DIRECTOR  
SECONDED BY DIRECTOR

**Authorization for Out-Of-State Travel to Attend Upcoming  
Association of California Water Agencies' DC Conference**

WHEREAS, Directors Benson and Green, and Carol Mahoney, Government Relations Manager, have expressed an interest in attending the Association of California Water Agencies' (ACWA) Annual DC Conference to be held February 25-February 27, 2025, in Washington, DC;

WHEREAS, the proposed action is in support of Goal E, Effective Operations – Provide the Agency with effective leadership, administration, and governance; and

WHEREAS, pursuant to the Board of Directors Compensation and Expense Reimbursement Policy, Section D, each member of the Board of Directors is encouraged to participate in activities and organizations which, in the judgment of the Board, further the interests of Zone 7; and

WHEREAS, compensation and reimbursement of related expenses must be specifically authorized by the Board; and

NOW, THEREFORE, BE IT RESOLVED that the Board of Directors of Zone 7 of the Alameda County Flood Control & Water Conservation District does hereby authorize Director Dawn Benson's, Director Lauren Green's, and Carol Mahoney's attendance at ACWA's Annual DC Conference; and

BE IT FURTHER RESOLVED that Directors Benson and Green, and Carol Mahoney be reimbursed for actual and necessary expenses associated with attendance at this event.

ADOPTED BY THE FOLLOWING VOTE:

AYES:

NOES:

ABSENT:

ABSTAIN:

I certify that the foregoing is a correct copy of a Resolution adopted by the Board of Directors of Zone 7 of the Alameda County Flood Control and Water Conservation District on November 20, 2024.

By: \_\_\_\_\_  
President, Board of Directors



100 North Canyons Parkway  
Livermore, CA 94551  
(925) 454-5000

**ORIGINATING SECTION:** Office of the General Manager  
**CONTACT:** Valerie Pryor

**AGENDA DATE:** November 20, 2024

**SUBJECT:** Adoption of the 2025-2029 Strategic Plan

**SUMMARY:**

This item supports Strategic Plan, Goal F – Effective Operations - provide the Agency with effective leadership, administration, and governance. The Agency’s current Strategic Plan covers the period 2020-2024. The proposed 2025-2029 Strategic Plan is attached for adoption. This 5-Year Strategic Plan is intended to establish a high-level framework for providing high-quality water and flood protection service to Zone 7.

The Strategic Plan was developed through a collaborative process with the Board of Directors, management, and staff. The planning consultant interviewed each of the 7 Board members regarding their perspectives on the future challenges for Zone 7. These interviews were followed by a management workshop. Four workshop sessions with the employees and supervisors mined key strengths, weaknesses, opportunities, and threats facing the Agency. The Board discussed the strategic challenges facing Zone 7 and refined a vision, mission, and set of goals for the 5-Year Strategic Plan at a Board workshop on September 25, 2024. Based upon Board direction and staff input, the management team developed 22 key initiatives to achieve each of these goals. These are the key items that are planning to be undertaken in the next five years to support the Goals.

**FUNDING:**

There is no direct fiscal impact from adopting the 2025-2029 Strategic Plan. This plan will be funded through the Budget process.

**RECOMMENDED ACTION:**

That the Board of Directors adopt the attached Resolution adopting the 2025-2029 Strategic Plan.

**ATTACHMENT:**

Resolution

ZONE 7  
ALAMEDA COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT

BOARD OF DIRECTORS

RESOLUTION NO. 24-97

INTRODUCED BY DIRECTOR  
SECONDED BY DIRECTOR

**2025-2029 Strategic Plan**

WHEREAS, the 2025-2029 Strategic Plan was developed during 2024 through a series of interviews and workshops with Directors, managers, supervisors and employees; and

WHEREAS, the Board of Directors of Zone 7 of the Alameda County Flood Control and Water Conservation District discussed the Strategic Plan at Board meetings on May 1, 2024, and September 25, 2024;

NOW, THEREFORE, BE IT RESOLVED by the Board of Directors of Zone 7 of the Alameda County Flood Control and Water Conservation District, that the "2025-2029 Strategic Plan" is hereby adopted as shown in the attached document.

ADOPTED BY THE FOLLOWING VOTE:

AYES:

NOES:

ABSENT:

ABSTAIN:

I certify that the foregoing is a correct copy of a Resolution adopted by the Board of Directors of Zone 7 of the Alameda County Flood Control and Water Conservation District on November 20, 2024.

By: \_\_\_\_\_  
President, Board of Directors



2025–2029  
**5-YEAR  
STRATEGIC PLAN**

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**For more information, contact:**

Alexandra Bradley  
Communications Specialist  
[abradley@zone7water.com](mailto:abradley@zone7water.com)  
(925) 454-5000

# MESSAGE FROM THE BOARD PRESIDENT

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On behalf of the Board of Directors of the Zone 7 Water Agency (Zone 7), welcome to our 2025-2029 Strategic Plan.

On June 18, 1957, *Livermore-Amador Valley* voters overwhelmingly approved creation of Zone 7 in order to place under local control, through a locally elected board of directors, the vital matters of flood protection and water resource management in eastern Alameda County.



Zone 7 supplies treated drinking water to retailers serving over 270,000 people in Pleasanton, Livermore, Dublin and, through special agreement with the Dublin San Ramon Services District, to the Dougherty Valley area and supplies untreated water for irrigation of 3,500 acres, primarily South Livermore Valley vineyards. Zone 7 also owns and maintains 37 miles of local flood-protection channels, about a third of all the Valley's channels and creeks. The remaining channels are owned either privately or by other public agencies that are responsible for their maintenance.

The past several years have tested the Agency with extreme droughts and unprecedented floods, yet our Agency continues to provide exceptional water quality and reliable services. Amid climate change uncertainties, our focus remains on ensuring water supply and flood protection resilience. This Strategic Plan is our blueprint for how we will continue to provide high quality service as we address numerous challenges. Some of these challenges include incorporating climate change into water supply and flood protection planning, addressing water quality and energy regulations, maintaining and replacing aging water and flood protection infrastructure and maintaining an excellent workforce.

The Board and staff of Zone 7 have updated their 5-Year Strategic Plan to guide the Agency in the coming years. The Strategic Plan is designed to support our vision to *provide excellent water and flood protection services to enhance the quality of life, economic vitality, and environmental health of the communities we serve*. This vision will be accomplished by fulfilling the mission of Zone 7 to: *deliver safe, reliable, efficient, and sustainable water and flood protection services*.

---

Dennis Gambs, Board President

# MESSAGE FROM THE GENERAL MANAGER

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I am pleased to lead the Zone 7 team as we embark on our next 5-year strategic plan. In the previous 5-year plan, the Zone 7 team made significant progress while dealing with the COVID-19 pandemic, supply chain challenges, inflation, and weather whiplash that resulted in drought conditions and significant winter storm damage. In addition, we have been on top of the per- and polyfluoroalkyl substances (PFAs) situation and have been a leader in Northern California in PFAs management. We couldn't have accomplished this without a highly committed team of high-quality and dedicated staff.



In this 2025-2029 Strategic Plan, the Board has identified Zone 7's strategic goals and staff are committed to achieving them. Some of the key areas we will address include:

- Valuing, investing in, and maintaining a high-quality workforce
- Continued investment in long-term water supply reliability
- Assessing and investing in our Zone 7 infrastructure to ensure reliable water supply to our customers
- Developing a Flood Management Plan that incorporates climate change into our flood protection planning and strategy

As stated above, we couldn't do what we do without an excellent workforce. The Agency must continually recognize and appreciate our employees. Engagement and professional development activities will be a priority in the 5-year plan.

For long-term water supply reliability, Zone 7 has been participating in several planning efforts including the Delta Conveyance Project, Sites Reservoir, a local potable reuse proposal and the Chain of Lakes Conveyance System. The first two projects will likely finish the permitting process in the next five years and will require a permanent decision by Zone 7 on participation. We will need to understand how each project fits into our water supply portfolio and the significant financial investments required.

Our water system infrastructure is a combination of aging infrastructure and new facilities. We must proactively plan to continually review, assess and maintain our aging and expanding infrastructure. We will monitor and assess emerging technologies to help with these efforts and make operations as efficient as possible. We will also need to address energy resiliency in an increasing volatile and regulated energy environment.

A robust Flood Management Plan is anticipated to be completed in the 5-year window including programs and projects to reduce flood risk. Similar to water supply resiliency, this will require significant financial investments. We must demonstrate to our customers that we operate Zone 7's systems efficiently and effectively and communicate to them the value of water.

As General Manager, I have the privilege and responsibility to manage a talented and dedicated staff who will bring this plan to life and meet our commitments to the community we serve.

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Valerie Pryor, General Manager

# STRATEGIC PLAN INTRODUCTION AND PROCESS

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The 5-year Strategic Plan is intended to establish the framework for addressing these challenges to maintain reliable and high-quality water and flood protection service to Livermore-Amador Valley.

The Strategic Plan was developed through a collaborative process with the Board of Directors, management and staff. The planning consultant interviewed each of the 7 Board members regarding their perspectives on the future challenges for Zone 7. These interviews were followed by a management workshop. Four workshop sessions with the employees and supervisors mined key strengths, weaknesses, opportunities, and threats facing the Agency. The Board discussed the strategic challenges facing Zone 7 and refined a vision, mission, and set of goals for the 5-Year Strategic Plan at a Board workshop in September 2024. Based upon Board direction and staff input, the management team then developed “initiatives” to achieve each of these goals. The Strategic Plan will be funded through the budget process and progress tracked, reevaluating the plan regularly to adjust as conditions warrant. The Board of Directors reviewed and accepted the 2025-2029 Strategic Plan on November 20, 2024.

The Strategic Plan is structured in a supporting fashion: the Initiatives support the Goals, which support the Mission and achievement of the Vision as depicted in Figure 1.

**Figure 1: Hierarchy of Strategic Plan Elements**



Initiatives are planned for each goal area of the Strategic Plan.

# ZONE 7 VISION AND MISSION

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Zone 7's Vision statement reflects a legacy of service and establishes a high bar for continuing this service. The Vision statement represents the aspirations of Zone 7 as follows:

## ZONE 7 VISION

"Provide excellent water and flood protection services to enhance the quality of life, economic vitality, and environmental health of the communities we serve."



Zone 7 has established the following mission statement to guide decision making on behalf of the customers and communities we serve:

## ZONE 7 MISSION

"Deliver safe, reliable, efficient, and sustainable water and flood protection services."

# ZONE 7 VALUES

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*"Our shared values guide all our actions."  
Valerie Pryor, General Manager*

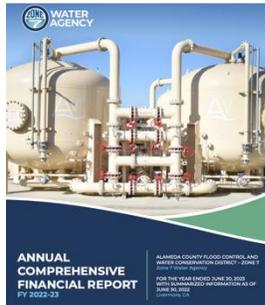


## **Team**

We collaborate and are inclusive, valuing all perspectives to improve our services, systems, and organization.

## **Service**

We are responsive, respectful, and professional.



## **Fiscal Responsibility**

We are committed to ensuring the responsible and transparent management of public funds, adhering to the highest standards of accountability and efficiency.

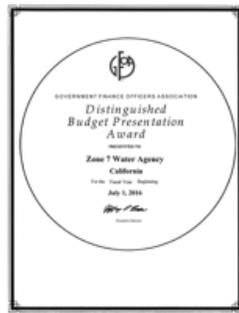


## **Safety**

We are committed to public and employee safety.

## **Transparency**

We carry out our mission ethically and transparently, and with integrity.



## **Environmental Responsibility**

We deliver our services in an environmentally responsible manner considering the energy, climate, people, and natural resource stewardship.

## **Leadership**

We cultivate leaders and expect our agency to proactively lead and innovate.

# ZONE 7 GOALS

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Zone 7 is focused on eight goal areas that support our vision and mission.



# ZONE 7 INITIATIVES

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Major Strategic Plan Initiatives that are planned to be undertaken in the next 5 years support each of the stated Goals. The funding of Initiatives will occur through the normal budget process and progress on funded Initiatives will be regularly reported to the Board of Directors. The Initiatives are described below.

## In·i·ti·a·tive

*noun*

1. The ability to assess and initiate things independently: "use your initiative, imagination, and common sense"
2. The power or opportunity to act or take charge before others do



## Professional Workforce

PREFERRED EMPLOYER FOR SKILLED, MOTIVATED, AND PROFESSIONAL STAFF

### **Initiative #1 – Maintain a high-quality workforce to meet current and future needs and challenges**

**Initiative Description** – This initiative includes programs and activities designed to attract and retain top talent and demonstrate our commitment to continuous improvement to ensure the workforce remains well-positioned to perform the functions required of Zone 7. This initiative also seeks to enhance opportunities for collaboration and teamwork.

**Anticipated Activities** – Key activities are anticipated to include:

- Maintain programs that foster employee engagement and encourage a supportive, inclusive, and respectful workforce culture
- Continue to conduct classification studies to assess overall organizational structure and identify paths for career progression
- Continue to conduct compensation studies to ensure salaries are competitive



- Review the organizational structure to ensure current market and/or internal structure alignment is attained
- Explore best practices and opportunities to assist employees in achieving work/life balance
- Review Summer Internship Program

## **Initiative #2 – Enhance professional development approach to maintain workforce**

**Initiative Description** – Zone 7 depends on a professional and capable workforce. This initiative is designed to ensure employees are equipped with the tools to succeed in their roles and have the opportunity to gain new skills through continuing education and training.

**Anticipated Activities** – Key activities are anticipated to include:

- Develop a Comprehensive Personnel Manual
- Develop a Comprehensive Training Program
- Identify opportunities for employee development
- Review role-specific onboarding process
- Assess performance management program



## **Initiative #3 – Streamline workforce management processes.**

**Initiative Description** – This initiative will review and upgrade Human Resources technology connecting employees and workflow processes to support daily operations, help reduce compliance risk and improve employee engagement.

**Anticipated Activities** – Key activities are anticipated to include:

- Review and automate Human Resources processes
- Explore virtual orientation sessions
- Implement role-specific training and tracking

## **Initiative #4 – Revamp Safety Program**

**Initiative Description** – Zone 7 depends on a safety culture of excellence to protect our workforce and the community we serve. This Initiative consists of continuing

ongoing safety efforts to meet our obligations and regulatory requirements. In addition, Zone 7 will perform a comprehensive safety program review and gap assessment to identify modifications to practices and new initiatives needed to ensure safety of staff and the public.

**Anticipated Activities** – Key activities are anticipated to include:

- Comply with all health and safety regulations
- Maintain an effective safety program
- Use Environmental Health and Safety Assessment to set new plan for improving safety culture
- Provide job-specific safety training to all employees
- Maintain an effective safety committee program
- Implement improvements and updates as appropriate



## RELIABLE WATER SUPPLY AND INFRASTRUCTURE

PROVIDE CUSTOMERS WITH RELIABLE WATER SUPPLY AND INFRASTRUCTURE

### **Initiative #5 – Develop a diversified water supply plan and implement supported projects and programs**

**Initiative Description** – The Zone 7 portfolio is highly dependent on water supplies conveyed through the Delta, primarily from the State Water Project. The Delta’s ability to divert water has become increasingly unreliable due to aging levees, earthquake risk, climate change, and increasingly stringent regulations resulting from declining ecosystem conditions. As Zone 7 considers a number of new water supply and storage projects, the Agency will endeavor to establish a diversified water supply and storage portfolio that focuses on local storage and supplies.

**Anticipated Activities** – Key activities are anticipated to include:

- Extend Arroyo Valle water rights permit and secure a license
- Continue exploring water supply reliability programs (including Sites Reservoir, Delta Conveyance Project, Chain of Lakes Conveyance System, and potable reuse)

- Complete a demand study and the 2025 Urban Water Management Plan
- Manage the water supply portfolio using the water supply risk model
- Develop a robust water transfer program
- Evaluate and extend groundwater banking programs
- Update the Water Supply Evaluation as appropriate

## **Initiative #6 – Continue to effectively implement infrastructure projects in the Water System Capital Improvement Plan (CIP)**

**Initiative Description** – Robust infrastructure is critical to providing a safe and reliable supply of water. Existing infrastructure must be maintained, upgraded, and replaced to ensure reliable operations and new infrastructure must be implemented to serve increasing demand and to meet future water quality regulations. Ongoing investment in administrative and maintenance facilities are needed to provide safe, professional workspaces for office and field staff and to manage inventories. This initiative documents how Zone 7 will continue to update and implement its CIP and the Asset Management Program (AMP) to meet Zone 7’s water infrastructure resilience, reliability and operational needs and to define the funding plan.



**Anticipated Activities** – Key activities are anticipated to include:

- Implement capital projects in the CIP
- Continue to assess existing infrastructure and regularly update the AMP and CIP to prioritize infrastructure improvements
- Complete a Transmission System Planning Update and maintain a Zone 7 system hydraulic model
- Update the Del Valle Water Treatment Plant Master Plan
- Complete planned improvements to facilities and administrative buildings at water treatment plants
- Plan and implement maintenance facility improvements to provide safe, professional workspaces and manage equipment and material inventories
- Initiate a pipeline inspection program to support infrastructure investment prioritization

- Implement a check valve project on the South Bay Aqueduct to ensure reliability at Del Valle Water Treatment Plant



## SAFE WATER

PROVIDE CUSTOMERS WITH SAFE WATER IN AN ENVIRONMENTALLY RESPONSIBLE MANNER

### Initiative #7 – Meet or surpass all drinking water health and safety requirements

**Initiative Description** – Zone 7 is committed to providing water that is safe to drink. As a water wholesaler for the Valley, Zone 7 collaborates with its retailers, communicates with its customers, implements internal water quality goals that surpass State and federal primary standards by at least a margin of 20%, monitors water quality at production facilities and in the transmission system, and prepares a bi-annual water quality management plan update. This ensures the water Zone 7 delivers is safe to drink. This initiative describes how Zone 7 will continue to provide high quality water.



**Anticipated Activities** – Key activities are anticipated to include:

- Meet all regulatory requirements for monitoring, reporting and compliance
- Operate treatment and field facilities to ensure compliance at all times
- Monitor and adjust operations to meet Zone 7 water quality goals
- Monitor and assess emerging regulations and engage in professional organizations
- Conduct a cross-connection control study and propose a cross-connection control policy
- Prepare the Consumer Confidence Reports and other outreach and educational materials



## **Initiative #8 – Continue evaluating the Chain of Lakes Conveyance System Project**

**Initiative Description** – Initial studies confirmed the opportunity to convey and store water in existing Zone 7-owned Chain of Lakes (Lake I and Cope Lake) to increase groundwater recharge and significantly enhance Zone 7’s dry-year and emergency water supply portfolio. This project consists of planning and constructing conveyance facilities between the lakes and the South Bay Aqueduct at the Del Valle Water Treatment Plant and other improvements to enable Zone 7 to fill, store and draw water when needed. This initiative includes activities to continue planning and conducting technical and economic analyses to support an informed decision and to initiate project implementation.

**Anticipated Activities** – Key activities are anticipated to include:

- Complete the feasibility study including benefit-cost analysis
- Prepare a Project Work Plan to identify resources and schedule
- Initiate outreach, environmental documentation, land acquisition, and permits
- Initiate detailed design and field investigations
- Develop a funding strategy including grant opportunities

## **Initiative #9 – Implement the PFAs Management Strategy**

**Initiative Description** – EPA announced the final National Primary Drinking Water Regulation for six per- and polyfluoroalkyl substances (PFAs) in April 2024. Zone 7 has been at the forefront of monitoring and treatment for PFAs in groundwater, removing multiple wells from service when trace levels were first detected. Monitoring and treatment programs are continuing, and additional treatment is anticipated at some wells.

**Anticipated Activities** – Key activities are anticipated to include:

- Track regulatory activity
- Implement the PFAs monitoring program
- Continue making PFAs data and information available to retailers, regulatory agencies, and the public
- Optimize blending and treating
- Continue the water quality protection through well permitting

- Develop well-head PFAs treatment facilities as appropriate and operate the available facilities to pump and treat PFAs from the basin
- Evaluate and add new wells in Bernal subbasin to diversify the water supply sources



## **Initiative # 10 – Implement Mocho Wellfield PFAs Treatment Project**

**Initiative Description:** Zone 7 continues to adaptively modify operations and construct treatment facilities to deliver water that meets PFAs regulations in advance of the 2029 compliance date. Presence of PFAs in the Mocho Wellfield has reduced production capacity and constrained the Mocho Groundwater Demineralization Plant operation. This initiative will implement the Mocho Wellfield PFAs Treatment Facility to restore Zone 7’s water supply reliability and position Zone 7 to meet anticipated future PFAs waste discharge regulations.

**Anticipated Activities** – Key activities are anticipated to include:

- Complete studies to optimize PFAs treatment and Mocho Wellfield production
- Conduct outreach and complete environmental documentation and land acquisition
- Prepare designs to support the implementation of the Mocho Wellfield PFAs treatment facility
- Construct the Mocho PFAs treatment facility



## **GROUNDWATER MANAGEMENT**

WE MANAGE AND PROTECT THE GROUNDWATER BASIN AS THE STATE-DESIGNATED GROUNDWATER SUSTAINABILITY AGENCY

## **Initiative #11 – Manage the Groundwater Sustainability Agency and implement the Groundwater Sustainability Plan**

**Initiative Description** – Zone 7 has managed the Livermore Valley Groundwater Basin for more than 50 years. Sustainable groundwater management has been accomplished by replenishing pumped groundwater with imported surface water from the South Bay Aqueduct. Because of its long history with replenishing the Basin, Zone 7 was designated as the exclusive Groundwater Sustainability Agency for the basin in the Sustainable Groundwater Management Act enacted by the State Legislature in 2014. This initiative consists of administering the groundwater program and implementing the basin’s Alternative Groundwater Sustainability Plan.

**Anticipated Activities** – Key activities are anticipated to include:

- Continue complying with the California Water Code § 10720 (Sustainable Groundwater Management Act) and the California Code of Regulations § 350 (Groundwater Sustainability Plan regulations)
- Implement the Livermore Valley Groundwater Basin Alternative Groundwater Sustainability Plan and associated management actions
- Diversify groundwater resources
- Update groundwater models
- Update the Well Master Plan
- Update well permitting process and ordinance
- Develop an integrated Basin Water Quality Management Plan
- Study and refine knowledge of the groundwater basin
- Develop and implement the Regional Wells Project



## **EFFECTIVE FLOOD PROTECTION**

PROVIDE AN EFFECTIVE SYSTEM OF FLOOD PROTECTION

### **Initiative #12 – Complete the Flood Management Plan**

**Initiative Description** – Zone 7 is in the process of developing a Flood Management Plan (FMP) that addresses climate change and changing regulatory requirements. The guiding principles goals and principles of the FMP were established in 2022. This initiative focuses on assessing the performance of existing facilities using historical and projected future storm events, to identify projects alternatives and maintenance

practices to improve performance, prepare an asset management plan, and establish a capital improvement program. The assessments will include economic-analysis of costs and benefits under the various scenarios, stakeholder engagement, and policy-level input on objectives, criteria and ultimate direction.

**Anticipated Activities** – Key activities are anticipated to include:

- Complete a system evaluation
- Update the hydraulic and hydrologic models as required
- Complete the FMP
- Implement robust stakeholder engagement for the FMP
- Prepare an asset management plan for the flood protection facilities
- Define a prioritized FMP capital improvement program
- Prepare a funding plan



## **Initiative #13 – Continue to repair and maintain the flood protection facilities**

**Initiative Description – Initiative Description:** Zone 7 manages approximately 37 miles of flood channels in the Tri-Valley area. Maintaining flood channel facilities and reducing flood risk involves preventative and reactive maintenance and implementing repairs to areas damaged during high-flow storm events. This initiative describes Zone 7's commitment to maintaining these channels for flood protection and watershed stewardship.

**Anticipated Activities** – Key activities are anticipated to include:

- Conduct pre- and post-storm season inspections
- Conduct pilot study on performance standards in a pilot reach
- Maintain flood channel integrity and access by addressing bank erosion and other damage due to storm
- Assess sediment and vegetation accumulation
- Prioritize capital and maintenance projects



- Apply for federal and state assistance for storm disaster repairs
- Seek approval of programmatic environmental permits to streamline routine maintenance activities.



## EFFECTIVE OPERATIONS

PROVIDE THE AGENCY WITH EFFECTIVE LEADERSHIP, ADMINISTRATION, AND GOVERNANCE

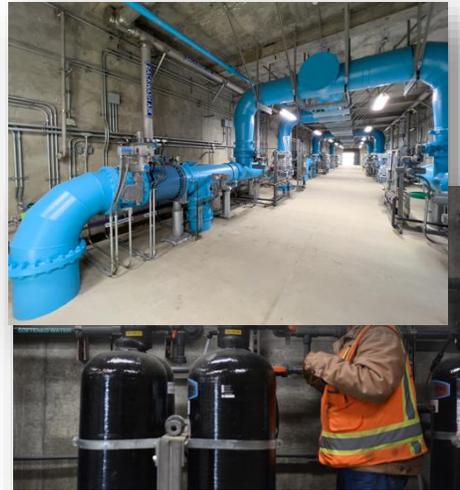
### **Initiative #14 – Implement Computerized Maintenance Management System (CMMS) and Establish a Proactive Maintenance Program**

**Initiative Description** – The goal is to implement the tools, training and process that enable a transition from a reactive to a proactive maintenance program approach. Zone 7 took a major step toward this goal through procurement of a CMMS that provides the structure and data and resource management that will guide maintenance activities and decisions. This initiative aims to enhance asset reliability, reduce unplanned downtime,

optimize maintenance resources, and extend asset life while ensuring regulatory compliance.

**Anticipated Activities** – Key activities are anticipated to include:

- Build the CMMS
- Procure services to support development and implementation of CMMS
- Hire CMMS program leader to support adoption and management of CMMS
- Establish practices, procedures and procure devices to ease staff adoption
- Provide staff training and certification in the tools, software and approach to Proactive Maintenance Program
- Develop key performance metrics to define Proactive Maintenance Program goals



## **Initiative #15 – Develop and Implement an Energy Master Plan**

**Initiative Description** – The goals of the Energy Master Plan are to formalize Zone 7's energy strategy by understanding baseline conditions in terms of energy sources, uses, costs, and related emissions. An Energy Policy was adopted in 2024 to guide related decisions about where and how to make energy-related investments. A planning document that identifies and prioritizes potential energy projects, programs, and activities will be developed based on that policy.

**Anticipated Activities** – Key activities are anticipated to include:

- Identify key projects to be implemented as part of the Energy Master Plan
- Evaluate feasibility of installing floating solar at Chain of Lakes
- Implement California Air Resources Board clean fleet regulations (including charging station strategy)



## **Initiative #16 – Develop and Implement a Security Plan**

**Initiative Description:** Continuous updates and security system modernization is needed at water production and administrative facilities to protect operational integrity and facilities, and to keep staff safe. This initiative includes assessing security features at Zone 7 facilities, including lock and key management, applying electronic entry where possible, installing security cameras where needed, maintaining perimeter security and ensuring cyber security. This initiative will identify and implement improvements to meet industry standards for security and to protect staff.



**Anticipated Activities** – Key activities are anticipated to include:

- Assess existing levels of security at Zone 7 facilities and identify improvements
- Implement security improvement projects to meet industry standards for security
- Continue to maintain up-to-date cyber security

## **Initiative #17 – Update the Emergency Preparedness Program**

**Initiative Description:** This initiative describes the activities Zone 7 will perform to update and keep current its emergency preparedness programs. Emergency preparedness and response planning are critical to maintain operations during emergencies ranging from small pipeline breaks to pandemics, water supply shortages, and large-scale natural disasters. Staff will update and modernize key elements of the Emergency Preparedness Program consistent with the National Incident Management System and Incident Command Structure, and ensure staff are trained and routinely exercise the Emergency Response Plan. Staff will continue participation in County Emergency Managers Association and retailer customer operations coordination and exercises to maintain consistency with industry standard practices for emergencies.

**Anticipated Activities** – Key activities are anticipated to include:

- Complete the 2025 Risk and Resilience Assessment and Emergency Response Plan updates
- Procure emergency response equipment
- Conduct regular emergency response training and exercise the emergency operations center annually

- Clarify staff emergency response roles and responsibilities and provide training
- Identify and implement improvements to the emergency operations center and communications systems
- Pursue interagency emergency preparedness training and exercises



## **Initiative #18 – Assess adoption of new technologies**

**Initiative Description** – Advances in technology and software present opportunities for Zone 7 to improve business processes. This initiative will track and implement appropriate technologies.

**Anticipated Activities** – Key activities are anticipated to include:

- Track, assess, and, where appropriate, implement emerging technologies
- Develop and implement an agency-wide strategy for document management
- Ensure proper training for current and future technology and system implementation





## STAKEHOLDER ENGAGEMENT

ENGAGE OUR STAKEHOLDERS TO FOSTER UNDERSTANDING OF THEIR NEEDS, THE AGENCY, AND ITS FUNCTIONS

### Initiative #19 – Communications Program

**Initiative Description** – This initiative underscores Zone 7’s commitment to operating with openness and transparency. Effective communication is essential for serving the community, maintaining trust, and reinforcing our dedication to customer service and integrity.

**Anticipated Activities** – Key activities are anticipated to include:

- Continue to manage and enhance Zone 7’s communications programs
- Develop and update narratives, key messages, and materials as needed
- Develop and provide proactive updates and information to the community on major projects and key initiatives
- Maintain and strengthen Zone 7’s outreach and school program
- Conduct outreach to promote the business case for water supply reliability investments
- Continue public education and awareness campaigns on water conservation, flood preparedness, sustainable practices, and water quality, refining strategies as necessary
- Continue leveraging social media, Agency websites, and digital tools for real-time updates and community engagement, adjusting approaches based on trends and performance
- Continue monitoring performance metrics for communications, using data to refine strategies and improve outreach effectiveness



## **Initiative #20 – Pursue opportunities for interagency cooperation**

**Initiative Description** – Continue effective coordination and partnership among federal, state, regional, retailers, and other local agencies.

**Anticipated Activities** – Key activities are anticipated to include:

- Facilitate legislative briefings for state and local elected officials to pursue areas of common interest
- Engage in advocacy on significant issues affecting the service area
- Coordinate with federal, state, and local jurisdictions to explore opportunities to collaborate on water resources issues including sharing information and participating in cooperative funding agreements
- Coordinate with retailers on operational activities, emergencies, and potential capital projects



## **FISCAL RESPONSIBILITY**

OPERATE THE AGENCY IN A FISCALLY RESPONSIBLE MANNER

## **Initiative #21 – Continue to effectively manage financial resources**

**Initiative Description** – This initiative consists of managing financial resources in a prudent manner that maintains Zone 7 systems, provides reasonable rates to the community, and demonstrates good stewardship of public funds.

**Anticipated Activities** – Key activities are anticipated to include:

- Develop rate impact estimates/ranges for water supply reliability investments
- Update and maintain the long-range finance plan
- Meet debt coverage and bond covenants

- Maintain a high bond rating
- Maintain target levels of reserves
- Provide quarterly and annual financial reports to the Finance Committee and Board
- Continue to evaluate Zone 7's unfunded pension and other post-employment benefits liabilities and make annual contributions to the pension trust fund in accordance with policy
- Continue to conduct an annual audit

## **Initiative #22 – Track state and federal funding opportunities**

**Initiative Description** – Applying for state and federal funding offers an opportunity to augment project budgets and offset local costs.

**Anticipated Activities** – Key activities are anticipated to include:

- Continue to track and pursue available state and federal funding opportunities
- Continue to track funding opportunities for which Zone 7 applies and/or receives funding



# GLOSSARY

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The following key terms are used in this Strategic Plan:

**Goal** – Zone 7’s commitment to the community it serves.

**Initiative** – Measurable work activity that, when accomplished, will directly lead to achieving the Goal.

**Mission** – The primary reason(s) for the existence of the organization.

**Strategic Plan** – A structured plan for Zone 7 to achieve its goals.

**SWOT Analysis** – Description of strengths, weaknesses, opportunities, and threats to identify areas of focus in the Strategic Plan.

**Values** – Non-negotiable standards that the staff and the Board believe in and embody how they will act individually and as an organization.

**Vision** – What Zone 7 aspires to become.

## **Board of Directors**

Dennis Gambs, President  
Dawn Benson, Vice President  
Catherine Brown  
Sandy Figuers  
Laurene Green  
Kathy Narum  
Sarah Palmer

## **Executive Team**

Valerie Pryor, General Manager  
Chris Hentz, Assistant General Manager - Engineering, Operations & Maintenance  
Osborn Solitei, Treasurer/Assistant General Manager - Finance  
Carol Mahoney, Government Relations Manager  
Kenn Minn, Water Resources Manager

## **Consulting Support**

Ed Means, President, Means Consulting LLC

ZONE 7 BOARD OF DIRECTORS  
SUMMARY NOTES OF THE LEGISLATIVE COMMITTEE

September 26, 2024  
4:00 p.m.

Directors Present: Catherine Brown  
Laurene Green  
Sarah Palmer

Staff Present: Carol Mahoney, Government Relations Manager  
Donna Fabian, Executive Assistant

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### **1. Call Meeting to Order**

Director Green called the meeting to order at 4:01 pm.

### **2. Public Comment on Items Not on the Agenda**

There were no public comments.

### **3. Review of State Legislative Process**

Carol Mahoney, Groundwater Relations Manager, introduced Kendra Daijogo and Bob Gore from The Gualco Group Inc. (Gualco), who reviewed the legislative process, state budget, and regulatory actions. Kendra Daijogo presented an overview of the legislative process, and Carol Mahoney noted that the two-year legislative session was nearing its close, with the deadline for bills to be signed or vetoed on September 30, 2024. The purpose of the presentation was to prepare committee members for the start of the new session in January 2025.

A draft legislative framework and platform will be presented to the committee for review in December, based on the revised 5-Year Strategic Plan. Ms. Daijogo explained the flow of the California State legislative process, noting that each house in the bicameral system has the ability to alter the rules. She also discussed the creation of fact sheets for legislation, highlighting opportunities for Zone 7 to engage.

Director Palmer asked if there were any limitations on how often a bill can be amended. Ms. Daijogo explained that the only limitation is Proposition 54, passed in 2016, which requires that final amendments be published 72 hours before the final floor vote.

The committee also discussed how bills may be amended during the legislative process and how the framework and platform would provide guidelines for staff and board members to engage in the legislative process within certain parameters. Director Green requested that the legislative calendar for the next two-year cycle be provided to the committee when available.

Ms. Daijogo noted that 2024 is an election year, which shortens the legislative session by two to four weeks to allow legislators to return to their districts for campaigning.

#### **4. Legislative Update – Gualco/Staff**

Bob Gore provided an update on budgetary and regulatory matters, noting the Governor's veto of bills that would result in unbudgeted costs. He mentioned the \$22 billion deficit forecasted for the 2025-2026 budget and the potential zeroing out of Clean Water Act funds (State Revolving Fund) due to Congressionally Directed Spending.

Director Green inquired about the drivers behind the deficit, and Mr. Gore explained that California's over-reliance on personal income tax, particularly from high earners, was a major factor. Disasters in the state and delays in tax collection also contributed to the problem.

Ms. Daijogo provided updates on key water-related bills, including AB 460 (Bauer-Kahan) regarding water rights, which was significantly amended before being passed. The bill now focuses on penalties for water districts that violate cease-and-desist orders. Director Brown asked about increased penalties for water theft, and Ms. Daijogo confirmed that penalties had been raised.

Ms. Daijogo also discussed AB 2302 (Addis), which clarifies rules for remote attendance at meetings that was chaptered into law. SB 366 (Caballero), which was vetoed by the Governor, would have established interim long-term water supply planning targets for 2050, among other elements in the California Water Plan. Despite broad support, the bill was vetoed due to concerns over cost.

Ms. Daijogo ended the update with a discussion of Senate Bill 867, now Proposition 4 on the November ballot. The bill addresses funding for water and climate programs, but its outlook is uncertain due to voter reluctance to approve more bonds.

#### **5. Committee Schedule**

The committee discussed future scheduling and will work to accommodate participants' calendars for upcoming meetings. Carol Mahoney noted that the legislative platform and framework for 2025 will be discussed at the December 10 meeting.

#### **6. Adjournment**

Director Green adjourned the meeting at 5:15 pm.

ZONE 7 BOARD OF DIRECTORS  
SUMMARY NOTES OF THE WATER RESOURCES COMMITTEE

October 8, 2024  
11:00 a.m.

Directors Present: Sandy Figuers  
Laurene Green  
Sarah Palmer

Staff Present: Valerie Pryor, General Manager  
Osborn Solitei, Treasurer/Assistant General Manager – Finance  
Ken Minn, Water Resources Manager  
Jacob Danielsen, Water Resources Technician  
Donna Fabian, Executive Assistant

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1. Call Meeting to Order

Director Figuers called the meeting to order at 11:01 a.m.

2. Public Comment on Items Not on the Agenda

There was no public comment.

3. Livermore Valley Hydrogeologic Investigations and Groundwater Model Update

Jacob Danielsen, Water Resources Technician, presented the Livermore Valley Groundwater Model Update covering progress on refining the Livermore Valley Groundwater Model. The project, contracted to EKI Environment and Water, Inc., aims to enhance the groundwater model's accuracy for operational decision-making and to address data gaps identified in the 2021 Alternative Groundwater Sustainability Plan (Alt-GSP). Key tasks included hydrogeologic field investigations, model updates, and development of decision-support tools.

The presentation detailed several project stages:

**Project Objectives:** The goal is to refine the groundwater model by improving the Hydrogeologic Conceptual Model (HCM), recalibrating the groundwater flow model, running simulations for scenarios, and creating a decision-support tool.

**Project Status:** Achievements include completing field investigations and the conceptual model using Leapfrog software, which helps visualize the basin's geological structure. EKI is finalizing model parameters and calibrations to ensure reliable predictions.

**Hydrogeologic Field Investigations:** Fieldwork included aquifer pump tests and geophysical surveys to fill data gaps and improve understanding of the basin's geology. This data provided valuable insights into groundwater flow and hydraulic barriers, aiding in developing the HCM.

Leapfrog Model: This 3D modeling software integrates extensive datasets and facilitates ongoing updates. The model serves as a foundation for updating the groundwater flow model.

Groundwater Flow Model Update: Utilizing the refined Leapfrog Model, the team defined model layering and grid structures for the entire groundwater basin that include refined high-resolution "child model" grids in areas of interest including the "PFAS footprint" and along arroyo recharge corridors.

Next Steps involve calibrating the model with 2023 water year data, refining parameters, and preparing predictive modeling scenarios to evaluate potential well sites in collaboration with the City of Pleasanton.

The project is on schedule, with expected completion by December, and remains within budget.

#### 4. Verbal Reports

There were no verbal reports.

#### 5. Adjournment

Director Figuers adjourned the meeting at 11:57 a.m.

## Palmer Report for November 2024

### ACWA CESA Workgroup

This workgroup has been addressing issues of the California Endangered Species Act that impact water Agencies. Some of the issues are with the California Fish and Wildlife Dept. where different groups are not communicating clearly.

#### Issue: Emergency Provisions

Streamline process for O and M activities during emergencies to maintain public safety and prevent damage to water agency facilities and infrastructure.

#### Issue: Natural Community Conservation Plan (NCCP)

NCCPs are underutilized and only approved for broader landscape-scale projects.

#### Issue: Mitigation Banking and Funding Account

Establish a consistency determination process for mitigation banks and allow existing USFWS banks to be used for state-listed (or candidate) species that are already listed federally. Establish a mitigation funding account modeled after the Joshua Tree legislation that could be expanded to CESA as a whole.

- Applicants could pay CDFW in lieu of their own mitigation, whereby CDFW could use that money to acquire land(s) and manage species/habitat on a larger scale than would be possible for permittees.

Might be possible under existing act through a regulatory pathway. Additional investigation needed.

#### Issue: Existing Tools Underutilized

ITP consistency determinations with USFW permits are underutilized.

Potential solution: 2080.1 process could be designed with a presumption of consistency determination, and CDFW would have to make a finding to not have consistency, subject finding that action is not consistent to expedited judicial review.

#### Issue: Multiple permits/lack of communication across CDFW

Different parts of CDFW don't always talk to each other—multiple permits get complicated and duplicative (1602, 2081).

May have a regulatory policy fix, although it likely won't be as robust.

As of our last meeting we learned that ACWA is setting up another committee to work on some of these issues. This CESA workgroup would focus on regulatory issues, while the as yet to be titled workgroup would work on legislation. Some concern about the wisdom of this has yet to be addressed.

### ACWA Permit Streamlining Workgroup meeting 11/13



**ORIGINATING SECTION:** Administration  
**CONTACT:** Valerie Pryor

**AGENDA DATE:** November 20, 2024

**SUBJECT:** General Manager's Report

**SUMMARY:**

The following highlights a few of the key activities which occurred last month. Also attached is a list of the General Manager (GM) contracts executed during October.

Engineering and Water Quality:

**Federal Regulatory Update – Lead and Copper Rule:** On October 30, the U.S. Environmental Protection Agency (USEPA) published the final Lead and Copper Rule Improvements (LCRI). This final rule eliminates the lead trigger level established in the 2021 Lead and Copper Rule Revisions (LCRR) and lowers the lead action level to 10 parts per billion (ppb). The final rule will require water systems across the country to identify and replace lead service lines within 10 years. Note that Zone 7 has already completed its initial service line material inventory which was approved by DDW in July 2024. The inventory confirms Zone 7 has no lead service lines. A "Non-Lead" statement is posted on Zone 7's website at [www.zone7water.com/post/service-line-material-inventory](http://www.zone7water.com/post/service-line-material-inventory).

**Stoneridge Well PFAS Treatment Facility Project:** The facility is fully operational, and all original contract work is complete including punch list items. The change order has been executed for the design of the new power facilities to switch from PG&E power to Power and Water Resources Pooling Authority (PWRPA) power, which is anticipated to cost approximately \$500,000. The switch to PWRPA power is anticipated to reduce annual power costs at Stoneridge by \$300,000 to \$400,000 annually, resulting in a payback period of less than two years. Staff will be working with PWRPA on the submission of the power switch application to PG&E, anticipated in December. This utility switchover is consistent with Zone 7's Energy Policy.

**Chain of Lakes (COL) Wells PFAS Treatment Facility Project:** The contractor completed construction of the concrete foundation, underground storm drainage, and underground electrical duct banks. The contractor continues to experience delays in the fabrication and procurement of the above ground piping and vessel system, with anticipated delivery now in the second half of November. Installation of the vessel system is anticipated through early December. Underground piping work is underway, with the tie-in to the transmission system

tentatively scheduled to be complete by mid-December. The project is anticipated to be completed in January/February 2025.

**Asset Management Plan (AMP) Update and Ten-Year Capital Improvement Plan**

**(CIP):** Staff is working with the consultant to develop potential capital projects based on the above ground assessment, and below ground risk analysis, and staff interviews. Staff anticipates presenting the draft AMP Update and Ten-Year CIP to the Board in early 2025.

**2023 Storm Damage Repairs:** Following the 2023 winter storms, 177 damage sites were identified along Zone 7 channels. Zone 7 is seeking assistance for repairs from FEMA/CalOES and the US Army Corps of Engineers (USACE). The storm damage repairs will be addressed in multiple phases and groups, with the first repairs to begin in spring/summer 2025 pending issuance of environmental permits. Phase 1 Storm Damage Repairs will address approximately 25 high to medium priority sites; in October, a 65% design workshop was held; staff anticipates submitting the permit applications in November. High Priority Storm Damage Repairs will address five damage sites; in September, the Board awarded a construction contract for three of five sites, with the remaining two sites to be bid separately. 48 damage sites will be repaired by USACE under their program; USACE has approved repair assistance for these sites and will prioritize repairs along Alamo Canal and Arroyo Mocho (see photo); in October, USACE held a design kick-off meeting and staff accompanied USACE on a field visit.

Integrated Water Resources:

The State Water Project (SWP) allocation remains at 40%. October treated water supply was comprised of 85% surface water and 15% groundwater.

Staff continues to track the demand conditions, and in October 2024, Zone 7's treated water production volume was 10% higher than at the same time in 2023. Calendar year to date (through October) treated water production and untreated deliveries are approximately 10% lower than at the same period in 2020.

**Delta Conveyance Project (DCP):** In accordance with the Board's DCP action taken October 16, staff filed Notices of Determination with six counties and the State Clearinghouse for Zone 7's continued participation in the DCP planning and pre-construction process. DWR continues working towards attaining permits for construction and operation of the DCP. On October 8, DWR submitted its certification of consistency for the 2024-2026 DCP Geotech Activities in compliance with the Delta Reform Act. The public review period runs through November 7. The Change in Point of Diversion (CPOD) pre-hearing process is underway and the next pre-hearing is scheduled for December 16. The public CPOD hearing is scheduled to start on January 16, 2025, and the CPOD will amend DWR's water rights to include the two proposed DCP intakes. Board packets for both the Delta Conveyance Authority (DCA) and the Delta Conveyance Finance Authority (DCFA) can be found at <https://www.dcdca.org/meetings>.

**Sites Reservoir:** The Sites Reservoir Committee and Authority Board met on October 18. The Sites staff presented their recommendation to extend the Amendment 3 work plan term from

an end date of December 31, 2025, to June 30, 2026. No additional funding is requested to support this term extension. The term extension is intended to provide additional time to advance the water rights process. The Sites Authority Board approved the no-cost term extension. The project received its incidental take permits for construction and operations. This is a key permitting milestone; the incidental take permits allow the Authority to construct and operate the project in compliance with the California Endangered Species Act.

#### Operations and Maintenance:

Staff worked on several projects including support work for the Patterson Pass Water Treatment Plant (PPWTP) Expansion and Ozonation Project post-project work, the Mocho Groundwater Demineralization Plant Concentrate Conditioning project and the Chain of Lakes PFAs Treatment Facility Project.

#### Administration:

Zone 7 hosted a successful in-person [Flood Preparedness Open House](#) on Saturday, October 19 from 10:00am to 2:00pm. Over 100 attendees learned essential tips and strategies to protect their home and family during floods. The Open house included interactive exhibits, talks with experts, sandbag workshops, emergency preparedness tips, and information about our flood management efforts.

### Monthly List of GM Contracts

<u>Contracts</u>	<u>Amount</u>	<u>Purpose</u>
H.T. Harvey & Associates	\$20,000	Ecological Services Related to Sycamore Alluvial Woodland Pilot Study
West Yost	\$50,000	Grant Tracking Strategic Support and On-Call Funding Assistance
<b>Total October 2024</b>	<b>\$70,000</b>	

**ORIGINATING SECTION:** Office of the General Manager  
**CONTACT:** Alexandra Bradley

**AGENDA DATE:** November 20, 2024

**SUBJECT:** October Outreach Activities

**SUMMARY:**

To deliver on the Agency's 2020-2024 Strategic Plan Goal F which strives to engage our stakeholders to foster mutual understanding, staff implements and oversees a multi-faceted outreach and communications program to connect with and engage stakeholders. Through an open and transparent approach, the Agency seeks to deliver effective customer-centric communications, reaching constituents where, when, and how they prefer. Effective communication builds confidence, trust, and awareness among constituents, increases participation to help with effective decision-making, and helps strengthen Zone 7's commitment to its mission and vision. This monthly staff report provides timely updates on progress towards meeting the goal of engaging our stakeholders.

**Communications Plan Updates**

**Outreach:**

Staff successfully hosted the second annual Flood Preparedness Open House on Saturday, October 19. This event provided an educational yet engaging experience for attendees of all ages, featuring interactive stations designed to inform the public about flood prevention and preparedness, while offering family-friendly activities and incentives for participation with a festive and spooktacular theme for the Halloween season.

The event was promoted across multiple platforms using paid and earned media as well as collaboration with partner agencies. Through the Eventbrite page, 162 guests signed up. There were 112 total attendees.

**Key Highlights:**

**Flood Safety Education:** Attendees learned valuable tips to protect their homes and families, with flood experts available for questions and discussion.

**City Collaboration:** Representatives from Livermore and Pleasanton provided information on local services and flood prevention in their service areas.

Watershed Education: Alameda County Resource Conservation District representatives educated attendees about watershed protection and how to get involved through the Living Arroyos Program volunteer opportunities aimed at maintaining a healthy watershed. East Bay Regional Park District naturalist treated guests to a close look at a native tarantula native to educate them on the importance of wildlife protection and trail safety.

Interactive Learning: The Water Academy had several hands-on activities, including a floodplain model, groundwater experiments, water science games, and water conservation education for children and families.

Equipment Displays: Zone 7 displayed the dump truck and bobcat, the Livermore Police Department brought a 1954 Police Cruiser, and the Livermore-Pleasanton Fire Department brought a ladder fire engine and engaged with guests on emergency preparedness and safety.

Family Engagement: Children and their families participate in a safe trick-or-treat experience and worked their way through an educational "Zone 7 Passport" earning chances for prizes as they learned more about Zone 7 and flood preparedness.

Emergency Preparedness: Safety tips were provided by the Livermore Police Department, and the Livermore-Pleasanton Fire Department provided information on the Community Emergency Response Team (CERT) training program and signed guests up for AC Alerts.

The collaborative community event combined community education with family entertainment, fostering awareness of critical water and flood safety issues.

## **Outreach Program Updates**

### **Schools' Program:**

Ms. Riley was busy this month teaching 64 lessons throughout the Zone 7 service area. Mrs. Wilkins taught the newly revised hands-on water treatment lesson to all the eighth graders at Joe Michell school in Livermore.

### **In-Person Events:**

Rotary Chili Cook Off, Saturday, October 5, 2024, 11:00am-4:00pm at Carnegie Park at 2144 Third, Livermore. Zone 7 hosted a booth at this annual event. Due to unseasonably high temperatures, turnout was low. The residents who did come by stopped to talk with us about conservation, flood prep, and what Zone 7 does in the community.

Livermore Farmers' Market, Thursday, October 10, 2024, 4:00pm-8:00pm at Carnegie Town Square in Livermore. Zone 7 hosted a booth to encourage discussions about ways to save water in and out of the house. Rebates and giveaways, including plate scrapers to reduce water usage in the kitchen, were available and well received.

Lawn to Garden Party, Saturday, October 26, 2024, 10:00am-12:30pm at 3602 Glacier Court, North Pleasanton. Zone 7 partnered with StopWaste and the City of Pleasanton to transform a resident's lawn into a water-wise garden. This was a hands-on experience demonstrating

removal of a lawn using the sheet mulching method. Bay-Friendly Qualified Landscape and sheet mulch educators were on hand as guides and the homeowner shared their lawn conversion story. Participants also learned about current rebates offered, Bay Friendly gardening techniques, and how to get started on their own lawn conversions. There were 22 registrants and 5 attendees in total.

Smith Elementary School Family Science Night, Smith Elementary School, Livermore, Friday, November 15, 2024, from 5:00pm-8:00pm. Zone 7 will engage with students and their families on water related science topics.

Dublin Elementary School Family Science Night, Dublin Elementary School, Dublin, Wednesday, December 4, 2024, from 5:30pm-8:00pm. Zone 7 will engage with students and their families on water related science topics.

Please visit [www.zone7water.com/calendar](http://www.zone7water.com/calendar) for the most up-to-date schedule of public events.

**ATTACHMENTS:**

October Social Media and Website Dashboard

## Highlights:

Total users  
**5,103**  
↑ 20.3%

Views  
**12,346**  
↑ 2.9%

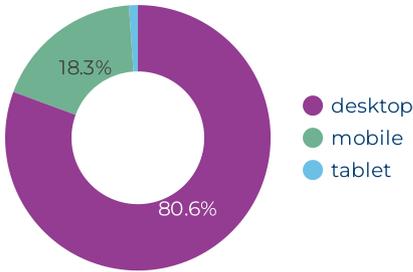
New users  
**4,793**  
↑ 23.5%

Engagement rate  
**54.49%**  
↓ -3.2%

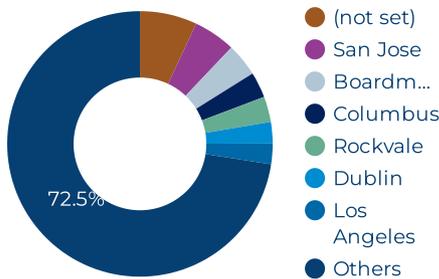
Sessions  
**7.4K**  
↑ 13.9%

User engagement  
**82:01:06**  
↓ -5.1%

## Device Type:



## Users by City



## Most visited pages on the website - users and pageviews

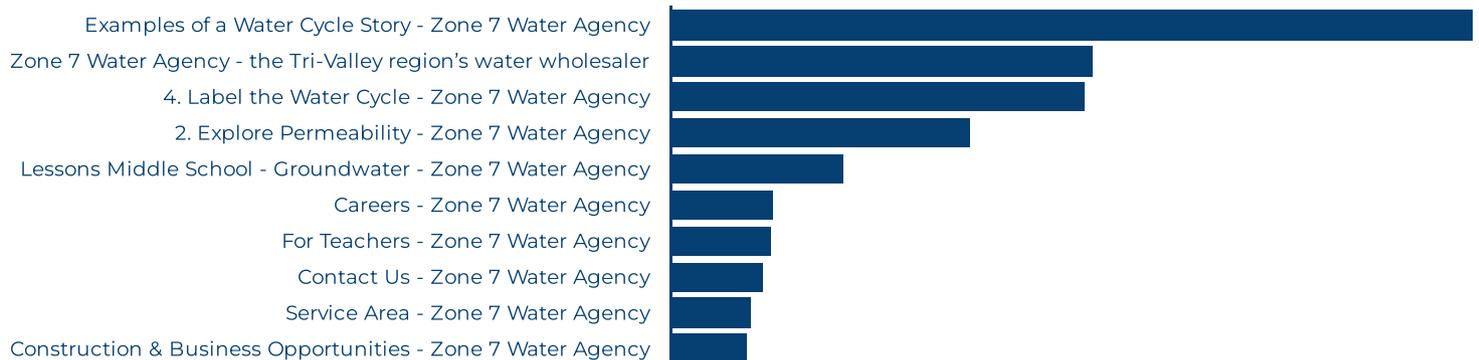
Rank	Page title	Views	Total users
1.	Zone 7 Water Agency - the Tri-Valley region's water wholesaler	1,617	1,036
2.	2. Explore Permeability - Zone 7 Water Agency	992	595
3.	Examples of a Water Cycle Story - Zone 7 Water Agency	970	715
4.	4. Label the Water Cycle - Zone 7 Water Agency	543	441
5.	Construction & Business Opportunities - Zone 7 Water Agency	505	326
6.	Board Meetings - Zone 7 Water Agency	373	191
7.	Careers - Zone 7 Water Agency	350	230
8.	Lessons Middle School - Groundwater - Zone 7 Water Agency	271	148
9.	Contact Us - Zone 7 Water Agency	221	142
10.	Service Area - Zone 7 Water Agency	206	145
11.	For Teachers - Zone 7 Water Agency	165	100

## Acquisition source/medium - where traffic sessions come from

Rank	Session source	Session medium	Sessions
1.	google	organic	3,364
2.	(direct)	(none)	2,715
3.	bing	organic	300
4.	loginjupitered.com	referral	238
5.	cityofpleasantonca.gov	referral	83
6.	b-lms7.mahdavischool.org	referral	78
7.	phasd.schoolology.com	referral	75
8.	dsrsd.com	referral	65
9.	Mailchimp	eNewsletter	36
10.	webform_submission	email	35

1 - 98 / 98 < >

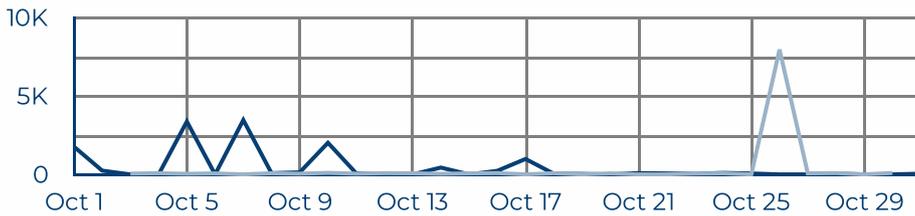
## Pages with the most time spent by users



## Facebook Analytics

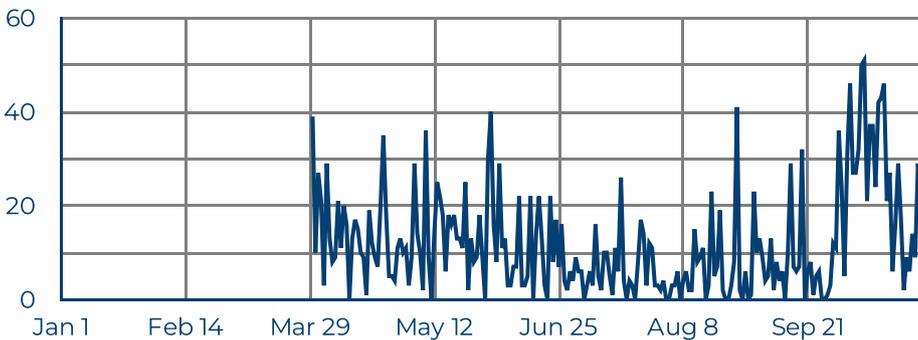
Total Posts	Engagement	Page Followers	Impressions
24 ↑ 4.3%	155.04 ↑ 22.2%	1,292 ↑ 11.4%	100,531 ↑ 91.4%

Facebook Daily Average Reach per Post

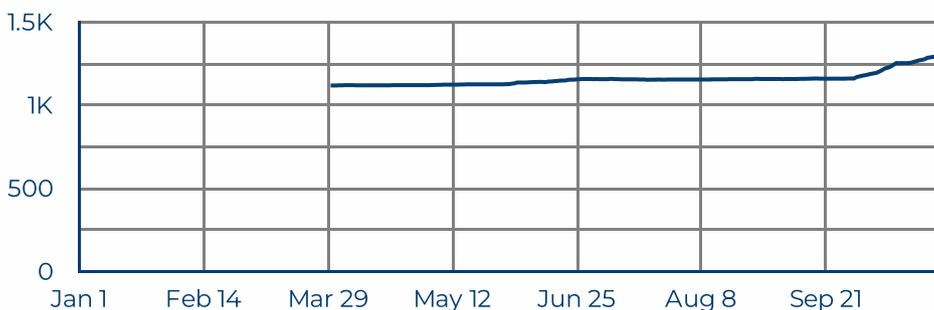


Paid Reach	Organic Reach	Total Reach
11,838 ↑ 50.5%	2,923 ↑ 26.2%	14,660 ↑ 55.9%

Facebook Page Visits



Facebook Page Followers - Year-to-Date Growth



## Mailchimp Delivery Analytics

Total Eblasts Sent	2
Total Deliveries	2,156
Avg. Open Rate %	31.45%
Total Clicks	75
New Signups	4

## Monthly YouTube Performance

Total Views	26,645
Total Watch Time	352.6 hrs
Organic Impressions	6,680

### Top Five Videos of Month

- Prep the Outside of Your Home - Flood Ready Freddy #5  
Oct 21, 2020
- Know Your Zone - Flood Ready Freddy #4  
Oct 21, 2020
- Have an Evacuation Plan - Flood Ready Freddy #2  
Oct 16, 2020
- Pack an Emergency Kit - Flood Ready Freddy #1  
Oct 15, 2020
- Prepare for your pet - Flood Ready Freddy #3  
Oct 20, 2020

## Insights & Opportunities

### WEBSITE

This summary highlights the monthly shifts, with October performing slightly better overall in website traffic.

**Views:** October saw a slight increase in page views to 12,272 (+2.2%) compared to a decrease in September, which had 12,003 views (-5.3%).

**Sessions:** Sessions rose significantly in October with 7.4K (+11.9%), building on September's increase to 6.5K sessions (+5.3%).

**New Users:** October gained 4,756 new users (+21.1%), showing strong growth over September's 3,882 new users (+10.2%).

**Total Users:** October reached 5,074 total users (+18.5%), up from September's 4,243 users (+9.8%), indicating increasing website traction.

There continues to be consistent interest in the Homepage, and Water Academy pages, with the most time spent by users on those pages. We anticipated the Flood Protection pages will see seasonal traffic through the winter and the Water Academy pages will continue receiving engagement through the school year.

The site's average monthly users for 2024 is 4,954 - approximately 1k higher than the monthly average of the past three years.

### SOCIAL MEDIA

#### Facebook Analytics Performance

**Total Posts:** October had a slight increase in posts with 24 (+3%) compared to September's 23 (+15%) from the previous month).

**Engagement:** October engagement rose significantly to 170.11 (+34.1%), building on September's already strong increase to 133.87 (+35.5%).

**Page Followers:** October showed notable follower growth with 1,292 total followers (+11.4%), a jump from September's small increase to 1,160 (+0.3%).

**Impressions:** October impressions surged to 100,422 (+91.2%), reversing September's drop to 52,531 (-52.7%).

**Paid Reach:** October's paid reach grew to 11,838 (+50.5%), rebounding from September's decrease to 4,340 (-68.9%).

**Organic Reach:** October organic reach increased to 2,842 (+22.7%), recovering from September's decline to 1,372 (-42.3%).

**Total Reach:** October total reach expanded to 14,580 (+55.1%), a strong improvement over September's drop to 5,688 (-62.2%).

#### Overall Facebook Insight

October saw impressive growth across all Facebook metrics, with substantial gains in impressions, reach, and engagement, largely due to our major outreach initiative for the annual Flood Preparedness Open House. The increase in both paid and organic reach highlights successful content strategies and boosted campaigns in October, effectively increasing visibility driving traffic and engagement.

#### YouTube

Video views saw a major increase (222%) in October with the annual promotion of the Flood Ready Freddy emergency preparedness tip videos. This is part of our continued efforts to repurpose content, ensuring we are being good stewards of our fiscal investment in outreach initiatives, and increasing our reach into the community with the educational content we create.

#### DIRECT MAIL

Our October newsletter numbers reflect that we did not issue the bi-monthly newsletter, just reminders. We will send the regular newsletter in November.



100 North Canyons Parkway  
 Livermore, CA 94551  
 (925) 454-5000

**ORIGINATING SECTION:** Integrated Planning  
**CONTACT:** Sal Segura/Neeta Bijoor

**AGENDA DATE:** November 20, 2024

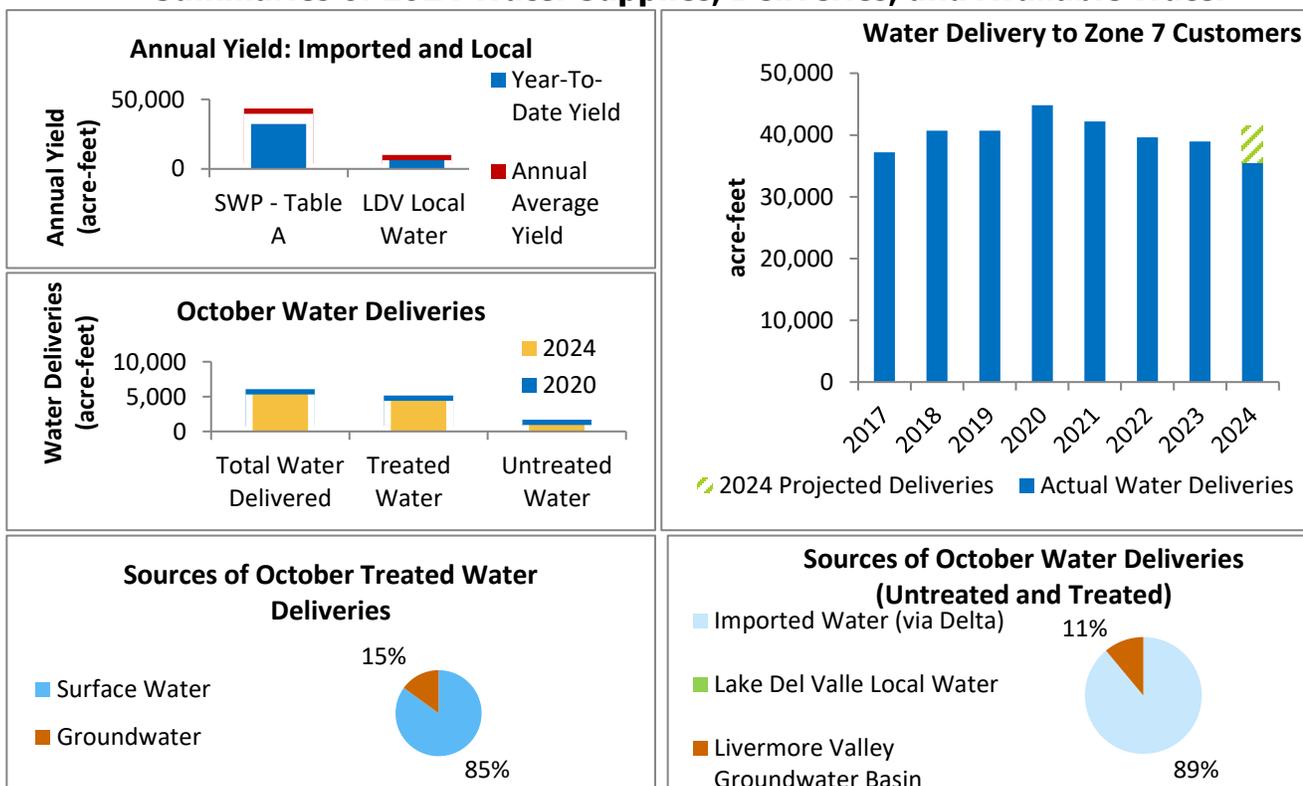
**SUBJECT:** Monthly Water Inventory and Water Budget Update

**SUMMARY:**

To support the Mission to deliver safe, reliable, efficient, and sustainable water, Zone 7 Water Agency (Zone 7) has been managing water supplies. This report summarizes current water supply, usage, and storage conditions to support Strategic Plan Goal A – Reliable Water Supply and Infrastructure and to implement Strategic Plan Initiative #2 – Evaluate and develop appropriate new water supply and reliability opportunities.

An overall analysis of the annual water supply was included in the 2024 Annual Sustainability Report prepared in April. A summary of long-term water supply planning is also included in the Urban Water Management Plan (UWMP), which is updated every five years and assesses water supply reliability on a 20-year time horizon. The next update of UWMP is due on July 1, 2026. These plans and evaluations consider the various sources of supply and storage available to Zone 7 locally, in State Water Project (SWP) facilities, and in Kern County storage and recovery programs.

**Summaries of 2024 Water Supplies, Deliveries, and Available Water**



## ZONE 7 WATER INVENTORY AND WATER BUDGET (October 2024)

### Supply and Demand *(See Table 3, Figure 1, Figure 2, Figure 3, and Figure 4)*

- Monthly totals: 4,100 acre-feet (AF) delivered to customers (3,650 AF treated production and 450 AF estimated untreated deliveries).
- Artificial recharge totaled 700 AF on Arroyo Valle.
- Total treated water production decreased by 6% compared to last month.
- Treated water sources were 85% surface water and 15% groundwater this month.
  - Treatment plant production was 32.8 million gallons per day (MGD).
  - Wellfield production was 5.6 MGD.

### Comparison of Demands: 2024 vs 2020 baseline *(See Table 1)*

- In October 2024, Zone 7's overall water demands were lower than October 2020: treated water production was 1% lower, and estimated untreated deliveries were 18% lower.

**Table 1: October 2024 comparison – Treated and Untreated Demands**

	Treated Production	Untreated Delivery	Total
<b>October 2024 (AF)</b>	3,650	450	4,100
<b>October 2020 (AF)</b>	3,700	550	4,250
<b>October 2024 vs October 2020</b>	1% lower	18% lower	4% lower

### Imported Water *(See Table 2 and Table 3)*

- The State Water Project allocation remains at 40%. All SWP carryover from 2023 has been used. Staff expects the California Department of Water Resources (DWR) to make the initial 2025 SWP allocation in early December.
- To date, 10,000 AF have been banked in Kern County storage and recovery programs.

**Table 2: Available Water Supplies (as of November 1, 2024)**

Sources of Water Supplies	Acre-Feet (AF)
Table A	15,110
Water Transfers/ Exchanges	0
SWP Carryover Water	0
Lake Del Valle (Carryover + 2024 Yield)	8,350
Livermore Valley Groundwater Basin (AF above Minimum Thresholds)	125,000
Kern Storage and Recovery Programs	100,600
<b>Total</b>	<b>249,060</b>

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**Groundwater***(See Table 3 and Figure 5)*

- The Livermore Valley Groundwater Basin comprises four subbasins. The Basin's estimated maximum storage capacity is 254,000 AF, including the storage capacity below the Minimum Thresholds established in the Alternative Groundwater Sustainability Plan. The estimated storage capacity above the Minimum Thresholds (operational storage) is 126,000 AF. Currently, the Basin is at approximately 99% of its storage capacity above minimum thresholds (125,000 AF out of 126,000 AF).
- It is important to note that not all of the storage above the Minimum Thresholds (MT's) is accessible with Zone 7's existing wells as 80% of Zone 7's groundwater facilities are in the Amador West subbasin. Furthermore, the presence of Per- and polyfluoroalkyl substances (PFAS) compounds in the groundwater basin limits the use of some wells.
- In October, the total pumping from Zone 7's wellfield was 530 AF, making up 15% of the treated supply.
- Estimated groundwater basin overflow on the west side of the Basin is 72 AF in October. This groundwater exfiltrates into Arroyo De La Laguna due to a high water table in that region.
- In October, Zone 7 recharged approximately 7,00 AF via releases to Arroyo Valle.

---

**Stream Outflow***(See Table 3)*

- Surface runoff slightly exceeded the 10 cubic feet per second (CFS) baseflow at the Arroyo de la Laguna at the Verona stream gauge for multiple days during the month of October, resulting in 60 AF of stream outflow.

Note: some surface flows out of the Livermore-Amador Valley are mandated for other downstream purposes.

---

**Local Precipitation***(See Figure 7)*

- October 1 marked the first day of the New Water Year. Water Year 2025 will run from October 1, 2024, to September 30, 2025.
- 0.01 inches of precipitation were recorded at Livermore Airport in October.
- Thus far in Water Year 2025, Livermore has received 0.01 inches of rain or 1% of the average for the Water Year to Date.
- Water Year 2024 was 102% of the average for local precipitation.

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**Sierra Precipitation***(See Figure 8)*

- 0.7 inches of precipitation were recorded in the Northern Sierras in October. The historical average precipitation in October is 2.8 inches.
- Cumulative precipitation in the Northern Sierra for Water Year 2025 is 0.7 inches or 26% of the seasonal average to date.
- Water Year 2024 was 91% of average for Northern Sierra precipitation.

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**Sierra Snowpack***(See Figure 9)*

- DWR has stopped reporting snowpack for the season as the snow reporting sites are snow-free. Reporting for Water Year 2025 is anticipated to begin in December.

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**Lake Oroville***(See Figure 10)*

- As of October 31, Lake Oroville storage is 50% of total capacity representing 96% of average storage condition at this time of the year.
  - Storage: 1,729,331 AF
  - Storage as a percentage of total capacity decreased by 5% over the month of October.

---

**San Luis Reservoir***(See Figure 11)*

- San Luis Reservoir is a joint-use facility between the State Water Project and the Central Valley Project. Its total storage capacity is 2,027,835 AF, and the SWP's share of the total capacity is 1,062,180 AF. As of October 31, the total reservoir storage is 1,061,118 AF, of which approximately 727,000 AF belongs to SWP. Currently, the SWP's share of the reservoir capacity is 68% full. Zone 7 staff is analyzing spill potential for Zone 7's Table A water stored in San Luis.

---

**Lake Del Valle***(See Table 3 and Figure 6)*

- Lake Del Valle holds 28,600 AF as of November 1.
- Zone 7's estimated water storage in Lake Del Valle at the end of October is approximately 8,350 AF. Zone 7 did not utilize any of its Del Valle Local Water supply in October to meet demand.
- In October, no local runoff was available for capture in Lake Del Valle.

**NOTE:** Numbers presented are estimated and subject to refinement over the course of the year.

### Table 3: Water Inventory

#### Water Inventory for Zone 7 Water Agency

Note: Values are rounded. All units in AF unless noted otherwise. Subject to adjustment over the year.

	2023 Jan-Dec	2024 Oct	2024 - YTD Jan-Dec
<b>Source</b>			
<b>Incoming Supplies</b>			
State Water Project (SWP) - Table A	55,530	4,270	17,140
State Water Project - Article 21	2,360	0	0
Lake Del Valle Local Water	4,310	0	5,600
Water Transfers/Exchanges	0	0	0
<b>Subtotal</b>	<b>62,200</b>	<b>4,270</b>	<b>22,740</b>
<b>From Storage</b>			
State Water Project - Carryover	1,630	0	25,200
Livermore Valley Groundwater Basin	1,670	530	3,190
Kern Storage and Recovery Programs	0	0	0
<b>Subtotal</b>	<b>3,300</b>	<b>530</b>	<b>28,390</b>
<b>Total Supply</b>	<b>65,500</b>	<b>4,800</b>	<b>51,130</b>
<b>Water Use</b>			
<b>Customer Deliveries</b>			
Treated Water Demand <sup>1</sup>	34,030	3,650	31,400
Untreated Water Demand	4,870	450	4,200
<b>Subtotal</b>	<b>38,900</b>	<b>4,100</b>	<b>35,600</b>
<b>To Storage</b>			
Livermore Valley Groundwater Basin Recharge	8,600	700	5,530
Kern Storage and Recovery Programs	10,000	0	10,000
<b>Subtotal</b>	<b>18,600</b>	<b>700</b>	<b>15,530</b>
<b>SWP Transfer</b>			
Westside 5 (Kern) <sup>2</sup>	8,000		
<b>Total Water Use</b>	<b>65,500</b>	<b>4,800</b>	<b>51,130</b>
<b>Available Water Supplies</b>			
<b>Incoming Supplies</b>	<b>End-of-2023</b>		
SWP - Table A (%)	100%	40%	40%
SWP - Table A Remaining	0	15,110	15,110
Water Transfers/Exchanges	0	0	0
<b>Subtotal</b>	<b>0</b>	<b>15,110</b>	<b>15,110</b>
<b>Storage Balance</b>	<b>End-of-2023</b>		
SWP Carryover	25,200	0	0
Lake Del Valle Local Water	5,000	8,350	8,350
Livermore Valley Groundwater Basin <sup>3</sup>	118,600	125,000	125,000
Kern Storage and Recovery Programs	95,600	100,600	100,600
<b>Subtotal</b>	<b>244,400</b>	<b>233,950</b>	<b>233,950</b>
<b>Total Available Water</b>	<b>244,400</b>	<b>249,060</b>	<b>249,060</b>
<b>Watershed Conditions</b>	<b>End-of-2023</b>		
Precipitation at Livermore Station (in) <sup>4</sup>	19.2	0.01	11.65
Lake Del Valle Local Water Net Yield	7,010	-100	9,360
Measured Change in Groundwater Basin Storage	27,900	0	6,900
Surface Water Outflow <sup>5</sup>	166,810	60	37,680

<sup>1</sup> Includes a small amount of unaccounted-for water.

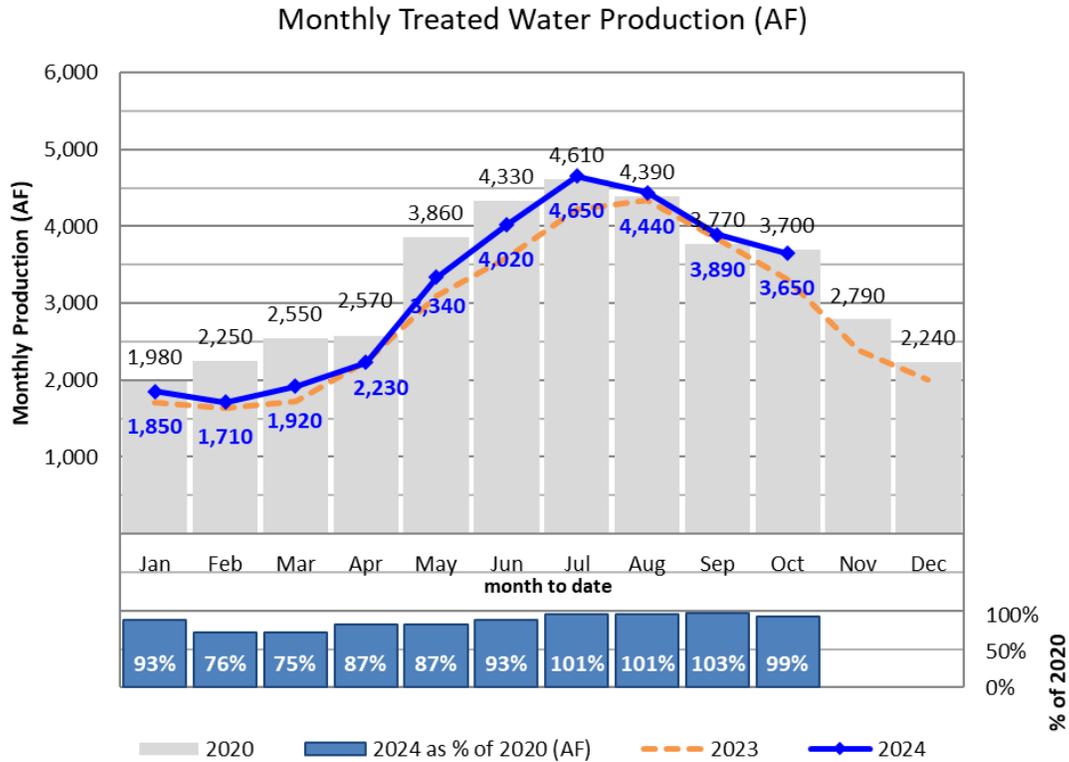
<sup>2</sup> In 2023, Zone 7 executed a transfer agreement with the Westside Districts

<sup>3</sup> Storage volume is based on most recent groundwater level data; amount shown excludes 128,000 AF of storage below the minimum threshold

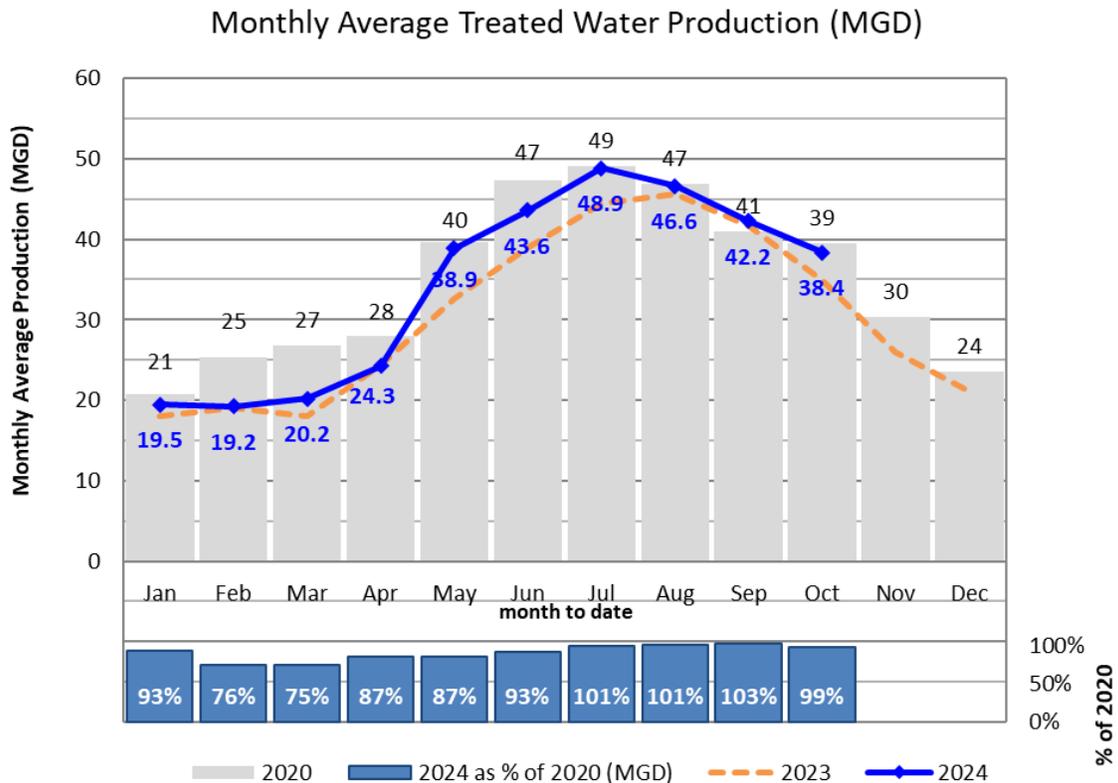
<sup>4</sup> Local precipitation reported in Table 3 for 2024 YTD is reported on a calendar year basis.

<sup>5</sup> Surface Water Outflow is estimated based on flow at USGS gage Arroyo De La Laguna at Verona.

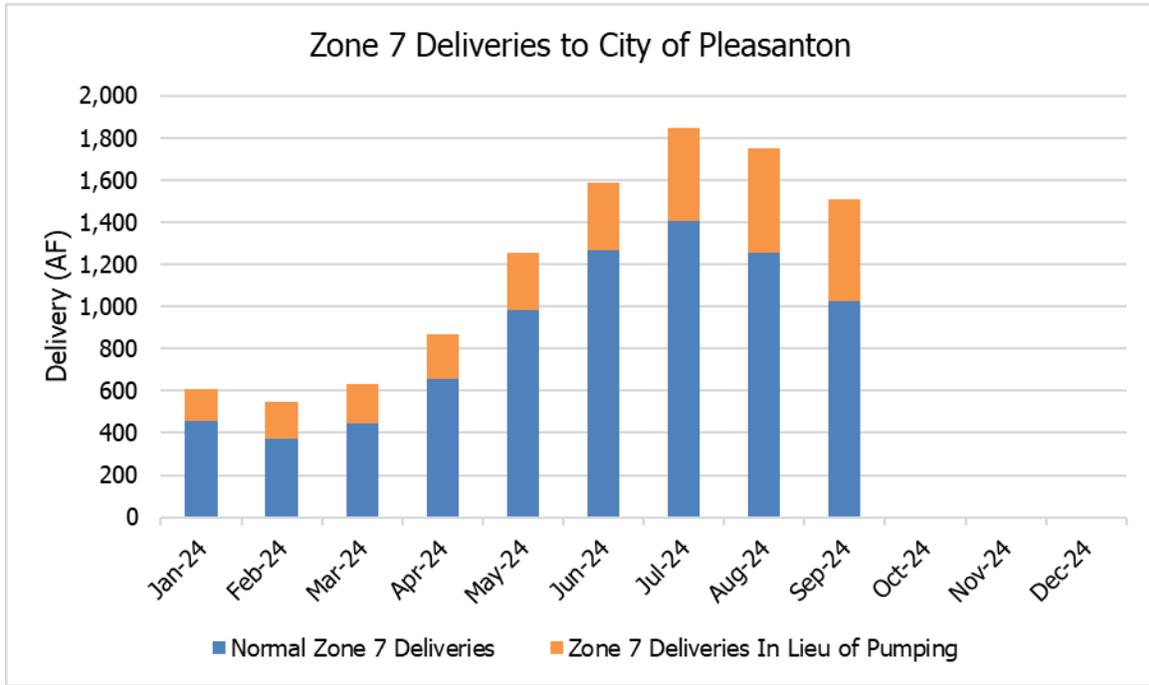
**Figure 1: Monthly Treated Water Production in Acre-Feet (AF)**



**Figure 2: Monthly Treated Water Production in Average Million Gallons Per Day (MGD)**

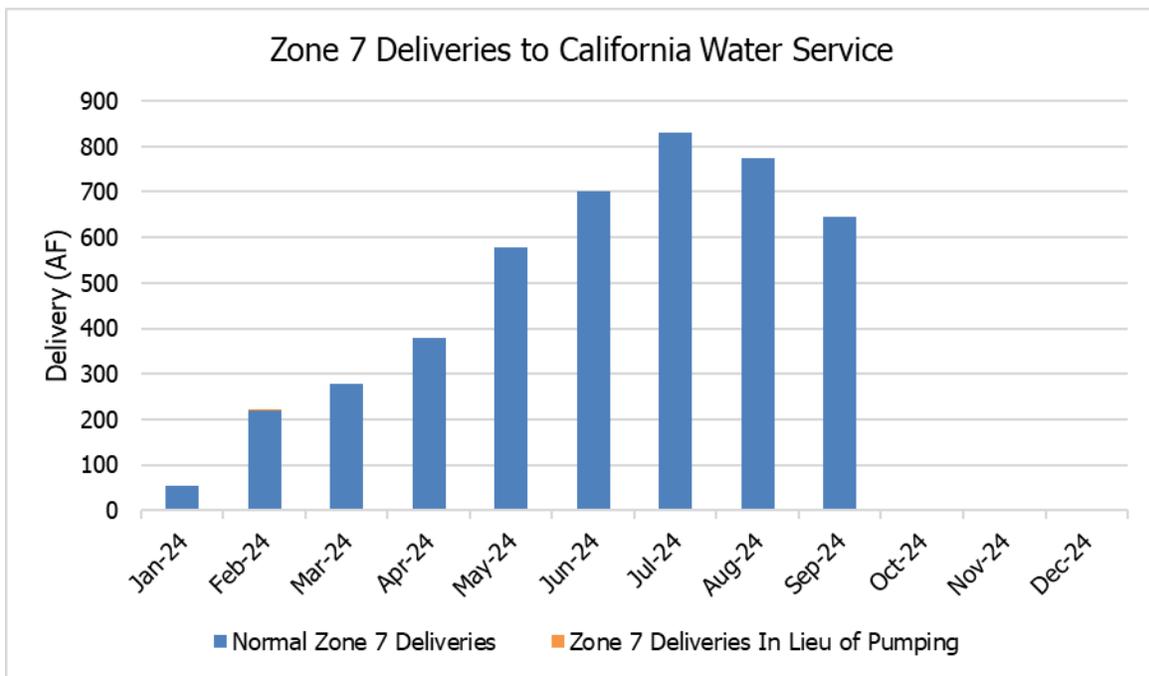


**Figure 3: Pleasanton Estimated In-Lieu Demand (Based on 2018-2021 Pumping)**



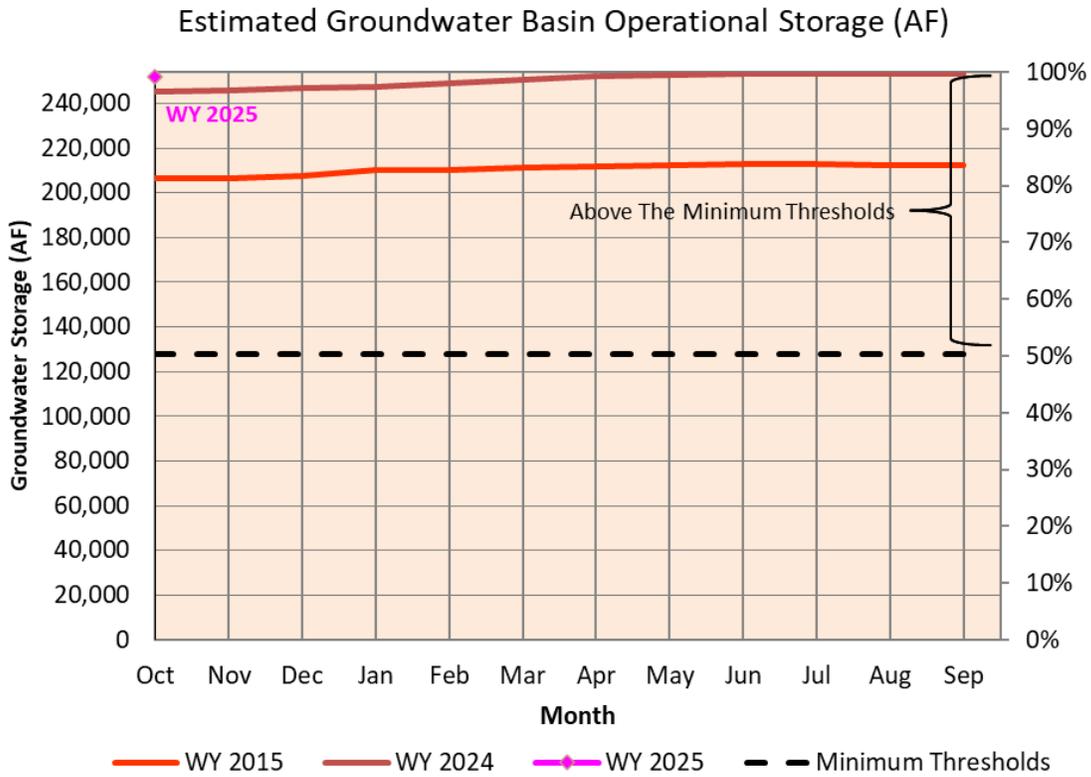
\*Pleasanton’s pumping data for October is not yet available and will be reflected in future inventories.

**Figure 4: California Water Service Estimated In-Lieu Demand (Based on 2018-2021 Pumping)**



\*Cal Water’s pumping data for October is not yet available and will be reflected in future inventories.

**Figure 5: Livermore Valley Groundwater Basin Storage\***



\*The estimated groundwater basin storage represents the combined total storage from all four subbasins.

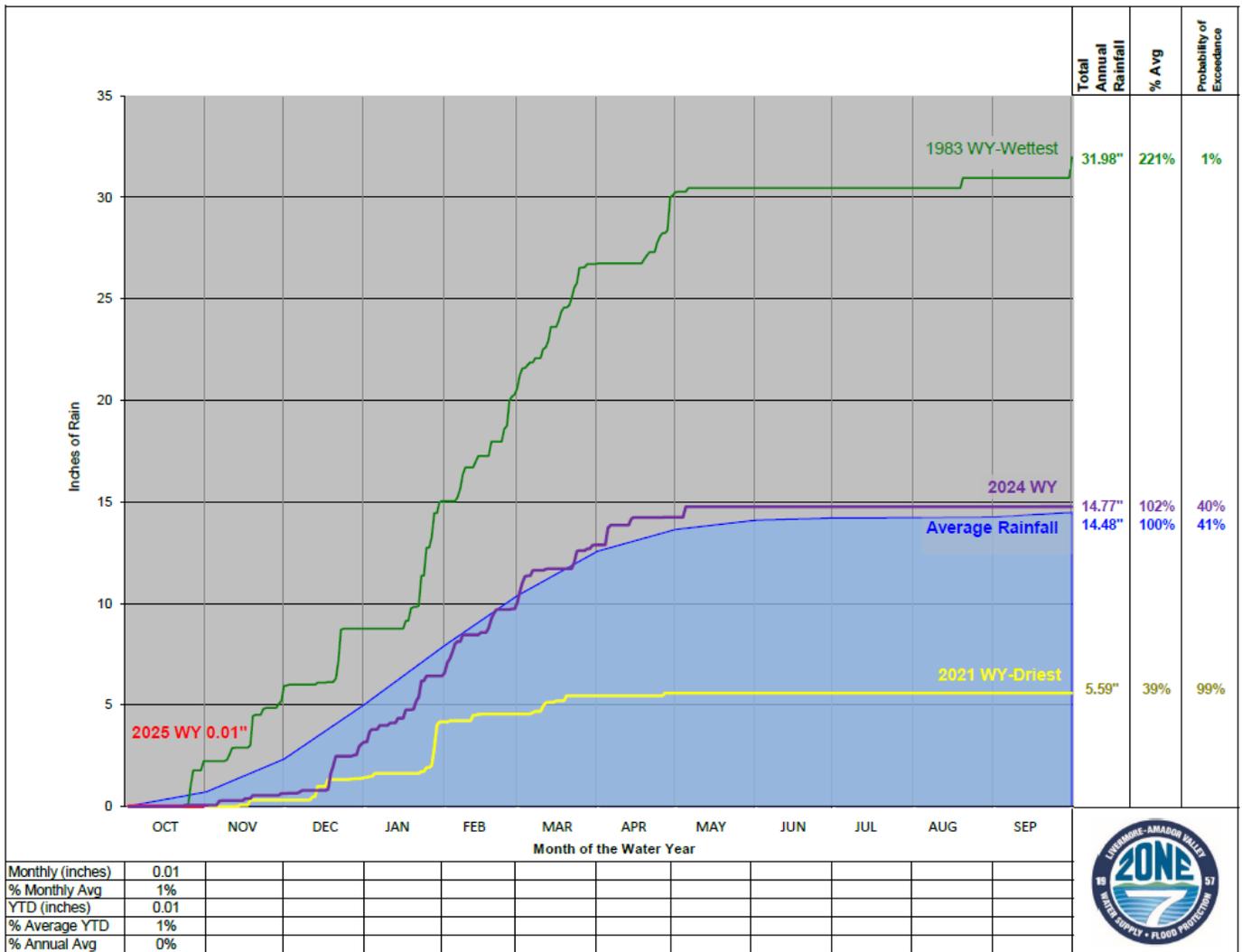
**Figure 6: Lake Del Valle Storage**

Lake Del Valle Storage  
October 1, 2023 to December 31, 2024

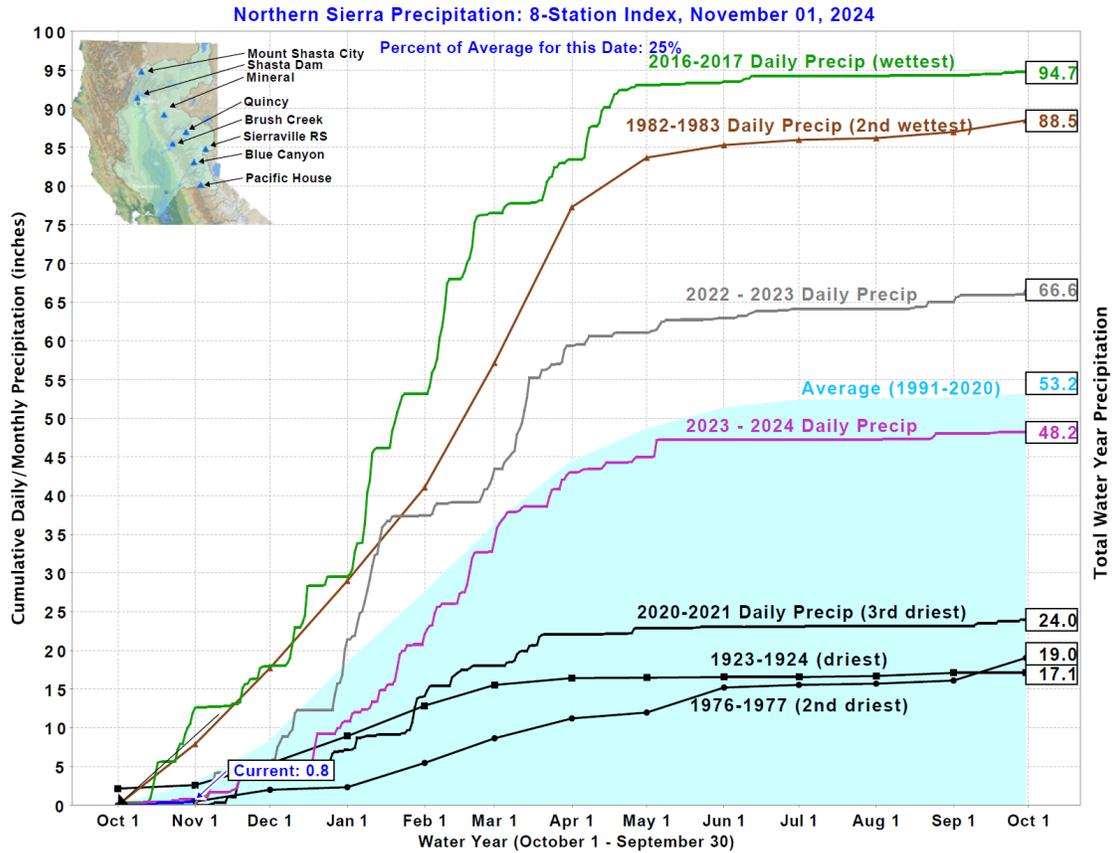


(Source : <https://water.ca.gov/-/media/DWR-Website/> )

### Figure 7: Local Precipitation



## Figure 8: Cumulative Precipitation in the North Sierra



(Source : [http://cdec.water.ca.gov/cgi-progs/products/PLOT\\_ESI.pdf](http://cdec.water.ca.gov/cgi-progs/products/PLOT_ESI.pdf))

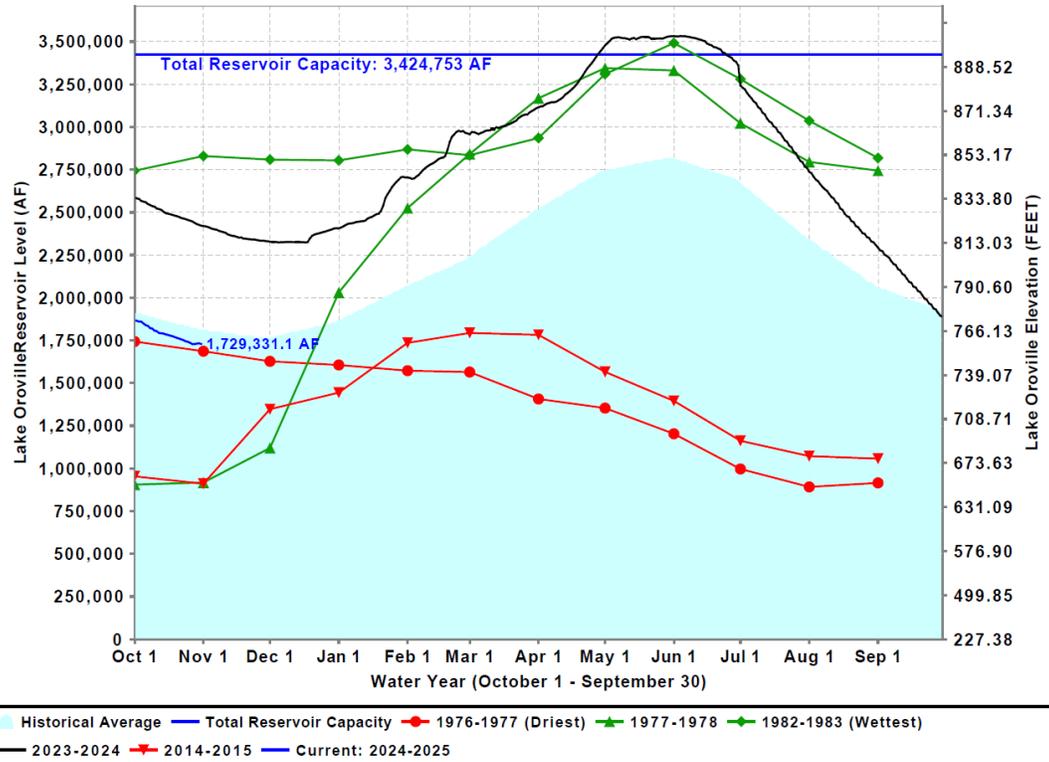
## Figure 9: Sierra Snowpack

*As of June 28, most snow survey sites are snow-free.  
DWR will begin reporting snowpack again around December 1.*

(Source : <https://cdec.water.ca.gov/reportapp/javareports?name=swccond.pdf>)

### Figure 10: Lake Oroville Storage

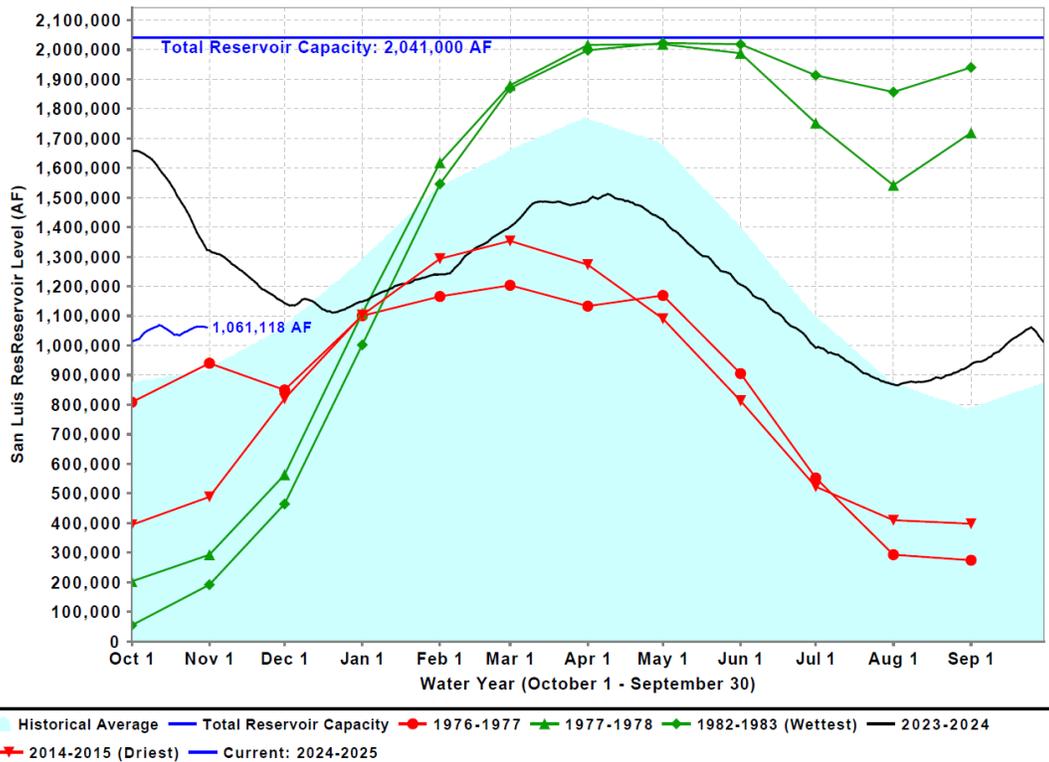
Lake Oroville Levels: Various Past Water Years and Current Water Year, Ending At Midnight October 31, 2024



(Source : <https://cdec.water.ca.gov/resapp/ResDetail.action?resid=ORO>)

### Figure 11: San Luis Reservoir Storage

San Luis Res Levels: Various Past Water Years and Current Water Year, Ending At Midnight October 31, 2024



(Source : <https://cdec.water.ca.gov/resapp/ResDetail.action?resid=SNL>)





**ORIGINATING SECTION:** Engineering

**CONTACT:** Brandon Woods/Edward Reyes/Mona Olmsted

**AGENDA DATE:** November 20, 2024

**SUBJECT:** Capital Projects Status Report

In support of Zone 7's mission to deliver safe, reliable, efficient, and sustainable water and flood protection services, and specifically in support of Strategic Plan Initiatives 3, 4, 5, 6, and 9, the Engineering staff plans, performs, and manages design and construction activities for water supply conveyance, production, and delivery projects and flood protection capital projects in Zone 7's Capital Improvement Program (CIP).

Attached are summaries showing the status of key Water Supply System and Flood Protection System Projects for which the Engineering staff is responsible.

## Engineering Projects Status Report – November 20, 2024

### Water Supply System Projects:

Project Name/Purpose	Scope/Funding Source	Project Cost and Budget	Target Dates / Operating Impact	Current Status								
<p><b>Asset Management Plan (AMP) Update and Ten-Year Capital Improvement Plan (CIP)</b></p> <p><b>Purpose/Benefits:</b></p> <ul style="list-style-type: none"> <li>The AMP identifies and documents system-wide near- and long-term renewal, replacement, and improvement projects and funding strategies.</li> <li>The CIP identifies the capital projects and programs needed to carry out the Agency’s goals and policies and describes the water system projects, costs, schedules, and priorities.</li> </ul>	<p><b>Scope:</b> Prepare the AMP Update and Ten-Year CIP documents, including:</p> <ul style="list-style-type: none"> <li>Conduct facility condition assessments and pipeline risk analysis to prepare a prioritized list of capital projects</li> <li>Evaluate and recommend annual funding levels and associated impacts to Zone 7’s rates</li> <li>Develop a CIP framework that aligns with Zone 7’s vision and mission as outlined in the Strategic Plan</li> <li>Update project descriptions, justifications, cost estimates, project schedules, and funding sources for each project in the Ten-Year CIP</li> </ul> <p><b>Funding Sources:</b> This project is funded by a combination of water rates and new connection fees:</p> <ul style="list-style-type: none"> <li>\$902,000, Fund 120</li> <li>\$250,000, Fund 130</li> </ul>	<p><b>Original Total Estimated Cost:</b> \$660,000</p> <p><b>Current Total Estimated Cost:</b> \$1,152,000</p> <p><b>Total Budget:</b> \$1,152,000</p> <p><b>Total Expenditures:</b> \$383,600</p> <table border="1" data-bbox="942 906 1358 1052"> <thead> <tr> <th colspan="2">Planning Costs</th> </tr> </thead> <tbody> <tr> <td>Budget</td> <td>\$1,152,000</td> </tr> <tr> <td>% Spent</td> <td>33%</td> </tr> <tr> <td>% Complete</td> <td>33%</td> </tr> </tbody> </table>	Planning Costs		Budget	\$1,152,000	% Spent	33%	% Complete	33%	<p><b>Completion:</b> March 2025</p> <p><b>Projected Operating Impact:</b> Increased operational effectiveness, reliability, safety, and cost-effectiveness.</p>	<p>The project team completed the facility condition assessment and pipeline risk analysis. Staff interviews were held to identify and discuss capital needs and priorities that are not included in the existing CIP. Staff is preparing the CIP project summary sheets and will assess project priorities and fiscal impacts. Staff anticipates presenting the draft AMP Update and Ten-Year CIP to the Board in early 2025.</p>
Planning Costs												
Budget	\$1,152,000											
% Spent	33%											
% Complete	33%											

Project Name/Purpose	Scope/Funding Source	Project Cost and Budget	Target Dates / Operating Impact	Current Status																
<p><b>Chain of Lakes (COL) PFAS Treatment Facility</b></p> <p><b>Purpose/Benefits:</b></p> <ul style="list-style-type: none"> <li>Provide PFAS treatment for the COL wells (COL 1, 2, and 5) at the COL 1 site to meet applicable state and federal drinking water quality limits.</li> </ul>	<p><b>Scope:</b></p> <ul style="list-style-type: none"> <li>Install six trains of ion exchange vessels for the removal of PFAS</li> <li>Piping, instrumentation, electrical, concrete, underground pile foundation system, and other site improvements</li> </ul> <p><b>Funding Sources:</b></p> <ul style="list-style-type: none"> <li>100% of design cost is funded from Fund 120 – Renewal/ Replacement and System-Wide Improvements</li> <li>Construction cost (approximately \$22M) is financed through bonds</li> </ul>	<p><b>Original Total Estimated Cost:</b> \$25,800,000</p> <p><b>Current Total Estimated Cost:</b> \$24,400,000</p> <p><b>Total Budget:</b> \$24,400,000</p> <p><b>Total Expenditures:</b> \$11,057,400</p> <table border="1" data-bbox="852 722 1278 906"> <thead> <tr> <th colspan="2">Planning &amp; Design Phase Costs</th> </tr> </thead> <tbody> <tr> <td>Budget</td> <td>\$2,300,000</td> </tr> <tr> <td>% Spent</td> <td>78%</td> </tr> <tr> <td>% Complete</td> <td>100%</td> </tr> </tbody> </table> <table border="1" data-bbox="852 945 1278 1091"> <thead> <tr> <th colspan="2">Construction Phase Costs</th> </tr> </thead> <tbody> <tr> <td>Budget</td> <td>\$22,100,000</td> </tr> <tr> <td>% Spent</td> <td>42%</td> </tr> <tr> <td>% Complete</td> <td>42%</td> </tr> </tbody> </table>	Planning & Design Phase Costs		Budget	\$2,300,000	% Spent	78%	% Complete	100%	Construction Phase Costs		Budget	\$22,100,000	% Spent	42%	% Complete	42%	<p><b>Completion:</b> February 2025</p> <p><b>Projected Operating Impact:</b> Improved water quality, improved reliability, and increased operational flexibility. Increased operating costs, with an annual average cost of approximately \$300,000.</p>	<p>The foundation, storm drain system, and underground electrical duct banks are complete. Installation of most of the underground piping is complete, with the tie-in to the existing transmission system to occur in December. Delivery of the vessel system and above ground piping fabrication were further delayed to the second half of November. The contractor will work on tie-ins, vessel system assembly, and remaining piping construction from late November through December. The project team has begun startup and commissioning meetings in preparation for startup activities, which are to begin in January 2025. The team continues to work with the contractor to improve the completion date.</p>
Planning & Design Phase Costs																				
Budget	\$2,300,000																			
% Spent	78%																			
% Complete	100%																			
Construction Phase Costs																				
Budget	\$22,100,000																			
% Spent	42%																			
% Complete	42%																			

Project Name/Purpose	Scope/Funding Source	Project Cost and Budget	Target Dates / Operating Impact	Current Status																
<p><b>DVWTP Booster Pump Station Variable Frequency Drives (VFDs) and Underdrain Pump Station Replacement</b></p> <p><b>Purpose/Benefits:</b></p> <ul style="list-style-type: none"> <li>Replace aging and obsolete inlet booster pump station VFDs and sludge basin pump station to increase plant reliability and avoid untimely and expensive repairs.</li> </ul>	<p><b>Scope:</b></p> <ul style="list-style-type: none"> <li>The booster pump station VFDs are obsolete; the underdrain/decant pump station for the sludge drying beds is at the end of its useful life and in need of replacement; and the clearwell drainpipe support bracket has failed and needs repair.</li> <li>Replace the two existing booster pump VFDs with new VFDs; replace four underdrain pumps with two vertical turbine pumps; and upgrade the local control panel, power and control wiring, and other mechanical improvements; weld and re-coat the clearwell drainpipe support bracket.</li> </ul> <p><b>Funding Source:</b></p> <ul style="list-style-type: none"> <li>100% Fund 120 – Renewal/Replacement and System-Wide Improvements</li> </ul>	<p><b>Original Total Estimated Cost:</b> \$1,250,000</p> <p><b>Current Total Estimated Cost:</b> \$1,908,900</p> <p><b>Total Budget:</b> \$1,908,900</p> <p><b>Total Expenditures:</b> \$225,000</p> <table border="1" data-bbox="852 712 1274 909"> <thead> <tr> <th colspan="2">Planning &amp; Design Phase Costs</th> </tr> </thead> <tbody> <tr> <td>Budget</td> <td>\$182,400</td> </tr> <tr> <td>% Spent</td> <td>100%</td> </tr> <tr> <td>% Complete</td> <td>100%</td> </tr> </tbody> </table> <table border="1" data-bbox="852 946 1278 1094"> <thead> <tr> <th colspan="2">Construction Phase Costs</th> </tr> </thead> <tbody> <tr> <td>Budget</td> <td>\$1,726,500</td> </tr> <tr> <td>% Spent</td> <td>2%</td> </tr> <tr> <td>% Complete</td> <td>2%</td> </tr> </tbody> </table>	Planning & Design Phase Costs		Budget	\$182,400	% Spent	100%	% Complete	100%	Construction Phase Costs		Budget	\$1,726,500	% Spent	2%	% Complete	2%	<p><b>Completion:</b> May 2026</p> <p><b>Projected Operating Impact:</b> Improved operational flexibility and reliability of the treatment plant, reducing untimely future repair costs.</p>	<p>The construction contract was awarded and the Notice to Proceed has been issued. Staff is reviewing submittals and other construction documents. The clearwell repairs are anticipated for February 2025.</p>
Planning & Design Phase Costs																				
Budget	\$182,400																			
% Spent	100%																			
% Complete	100%																			
Construction Phase Costs																				
Budget	\$1,726,500																			
% Spent	2%																			
% Complete	2%																			

Project Name/Purpose	Scope/Funding Source	Project Cost and Budget	Target Dates / Operating Impact	Current Status																
<p><b>MGDP Concentrate Conditioning</b></p> <p><b>Purpose/Benefits:</b></p> <ul style="list-style-type: none"> <li>Installation of a continuous acid injection feed system for concentrate pH adjustment will help avoid scale build-up and reduce the frequency of future batch cleanings.</li> <li>Proactively adjust pH to meet brine discharge permit pH limits and improve plant reliability.</li> </ul>	<p><b>Scope:</b></p> <ul style="list-style-type: none"> <li>Design, environmental review, and construction of an acid storage and feed system in an existing space in the adjacent Mocho 4 well building at the MGDP site. This existing space was formerly used for onsite generation of sodium hypochlorite, which is now fed from MGDP to Mocho 4 when that well is in production. Install new concentrate sump pumps and variable frequency drives.</li> </ul> <p><b>Funding Source:</b></p> <ul style="list-style-type: none"> <li>100% from Fund 120 – Renewal/Replacement and System-Wide Improvements</li> </ul>	<p><b>Original Total Estimated Cost:</b> \$2,200,000</p> <p><b>Current Total Estimated Cost:</b> \$7,840,000</p> <p><b>Total Budget:</b> \$8,320,000</p> <p><b>Total Expenditures:</b> \$7,180,000</p> <table border="1" data-bbox="852 708 1274 889"> <thead> <tr> <th colspan="2">Planning &amp; Design Phase Costs</th> </tr> </thead> <tbody> <tr> <td>Budget</td> <td>\$810,000</td> </tr> <tr> <td>% Spent</td> <td>100%</td> </tr> <tr> <td>% Complete</td> <td>100%</td> </tr> </tbody> </table> <table border="1" data-bbox="852 928 1274 1075"> <thead> <tr> <th colspan="2">Construction Phase Costs</th> </tr> </thead> <tbody> <tr> <td>Budget</td> <td>\$7,030,000</td> </tr> <tr> <td>% Spent</td> <td>91%</td> </tr> <tr> <td>% Complete</td> <td>91%</td> </tr> </tbody> </table> <p>Board approved increase to original estimate due to spatial constraints at the site and the need to demolish and reconstruct a former sodium hypochlorite storage area of the Mocho 4 well due to updated codes.</p>	Planning & Design Phase Costs		Budget	\$810,000	% Spent	100%	% Complete	100%	Construction Phase Costs		Budget	\$7,030,000	% Spent	91%	% Complete	91%	<p><b>Completion:</b> January 2025</p> <p><b>Projected Operating Impact:</b> Increased operational reliability, increased operating cost, and reduced frequency of future batch cleaning costs for concentrate pipeline.</p>	<p>Work on the project is nearly complete. The new fire system has been installed and passed inspections. The contractor is developing a repair plan and schedule to recoat the interior of the steel chemical tank, which was found during preliminary startup activities to have rust damage. Staff is working with the fire system monitoring company for equipment installation that will allow for continuous monitoring of the new fire panel. Staff training continues, followed by final startup.</p>
Planning & Design Phase Costs																				
Budget	\$810,000																			
% Spent	100%																			
% Complete	100%																			
Construction Phase Costs																				
Budget	\$7,030,000																			
% Spent	91%																			
% Complete	91%																			

Project Name/Purpose	Scope/Funding Source	Project Cost and Budget	Target Dates / Operating Impact	Current Status								
<p><b>Mocho PFAS Treatment Facility Conceptual Design Report</b></p> <p><b>Purpose/Benefits:</b></p> <ul style="list-style-type: none"> <li>Assess treatment options for PFAS for MGD and the Mocho Wellfield to comply with the federal maximum contaminant levels.</li> <li>PFAS treatment is needed for this wellfield to use its full production capacity.</li> </ul>	<p><b>Scope:</b></p> <ul style="list-style-type: none"> <li>Test effectiveness of various media, evaluate number of vessels, life cycle costs, facility layout, and siting to inform final design, permitting, and construction.</li> <li>Evaluate interim modifications to Mocho wellfield facilities to increase production, if needed.</li> </ul> <p><b>Funding Source:</b></p> <ul style="list-style-type: none"> <li>100% from Fund 120 – Renewal/Replacement and System-Wide Improvements</li> </ul>	<p><b>Original Total Estimated Cost:</b> \$200,000</p> <p><b>Current Total Estimated Cost:</b> \$500,000</p> <p><b>Total Budget:</b> \$500,000</p> <p><b>Total Expenditures:</b> \$228,000</p> <table border="1" data-bbox="852 786 1274 967"> <thead> <tr> <th colspan="2">Conceptual Design Phase Costs</th> </tr> </thead> <tbody> <tr> <td>Budget</td> <td>\$500,000</td> </tr> <tr> <td>% Spent</td> <td>15%</td> </tr> <tr> <td>% Complete</td> <td>15%</td> </tr> </tbody> </table>	Conceptual Design Phase Costs		Budget	\$500,000	% Spent	15%	% Complete	15%	<p><b>Completion:</b> November 2024</p> <p><b>Projected Operating Impact:</b> Improved water quality, improved reliability, and increased operational flexibility. Increased operating costs are expected associated with ion exchange media replacement and booster pumping power costs.</p>	<p>The draft conceptual design assesses preliminary treatment alternatives and site plans and is nearing completion. A consultant selection process for detailed design services will follow, with award of the consultant contract anticipated in early 2025.</p>
Conceptual Design Phase Costs												
Budget	\$500,000											
% Spent	15%											
% Complete	15%											

<b>Project Name/Purpose</b>	<b>Scope/Funding Source</b>	<b>Project Cost and Budget</b>	<b>Target Dates / Operating Impact</b>	<b>Current Status</b>								
<p><b>Pipeline Inspection Program Study</b></p> <p><b>Purpose/Benefits:</b></p> <ul style="list-style-type: none"> <li>Develop a routine inspection program for the aging water supply transmission infrastructure to maintain a reliable water transmission system and avoid untimely and expensive repairs.</li> </ul>	<p><b>Scope:</b></p> <ul style="list-style-type: none"> <li>This Study will review and update the past vulnerability, criticality and risk assessment studies to develop a pipeline inspection program and recommend necessary improvements to implement the inspection program.</li> </ul> <p><b>Funding Source:</b></p> <ul style="list-style-type: none"> <li>100% from Fund 120 – Renewal/Replacement and System-Wide Improvements</li> </ul>	<p><b>Original Total Estimated Cost:</b> \$250,000</p> <p><b>Current Total Estimated Cost:</b> \$250,000</p> <p><b>Total Budget:</b> \$250,000</p> <p><b>Total Expenditures:</b> \$130,000</p> <table border="1" data-bbox="852 711 1251 896"> <thead> <tr> <th colspan="2"><b>Planning &amp; Study Phase Costs</b></th> </tr> </thead> <tbody> <tr> <td>Budget</td> <td>\$250,000</td> </tr> <tr> <td>% Spent</td> <td>52%</td> </tr> <tr> <td>% Complete</td> <td>75%</td> </tr> </tbody> </table>	<b>Planning &amp; Study Phase Costs</b>		Budget	\$250,000	% Spent	52%	% Complete	75%	<p><b>Completion:</b> December 2024</p> <p><b>Projected Operating Impact:</b> The study may lead to detailed inspections and increased proactive pipeline renewal and replacement costs to minimize risk of emergency repairs.</p>	<p>Consultant has completed the draft study. Staff will review the recommended inspection projects and inspection technologies as part of the Asset Management Plan (AMP) Update. Staff plans to finalize the study and incorporate the results into the AMP Update and Ten-Year CIP, which are under development.</p>
<b>Planning &amp; Study Phase Costs</b>												
Budget	\$250,000											
% Spent	52%											
% Complete	75%											

<b>Project Name/Purpose</b>	<b>Scope/Funding Source</b>	<b>Project Cost and Budget</b>	<b>Target Dates / Operating Impact</b>	<b>Current Status</b>								
<p><b>Risk and Resilience Assessment (RRA) and Emergency Response Plan (ERP) Updates</b></p> <p><b>Purpose/Benefits:</b></p> <ul style="list-style-type: none"> <li>The 2018 America’s Water Infrastructure Act requires an update to RRA and ERP every 5 years.</li> <li>The RRA includes assessments of natural hazards and malevolent acts, resilience of water facility infrastructure, and operations and maintenance, among other things.</li> <li>The ERP provides an action plan for addressing risks identified in the RRA.</li> </ul>	<p><b>Scope:</b></p> <ul style="list-style-type: none"> <li>Review Zone 7’s existing RRA and ERP and update the documents in accordance with Environmental Protection Agency (EPA) guidelines.</li> </ul> <p><b>Funding Source:</b></p> <ul style="list-style-type: none"> <li>100% from Fund 100 – Water Enterprise Operations</li> </ul>	<p><b>Original Total Estimated Cost:</b> \$200,000</p> <p><b>Current Total Estimated Cost:</b> \$200,000</p> <p><b>Total Budget:</b> \$200,000</p> <p><b>Total Expenditures:</b> \$11,200</p> <table border="1" data-bbox="852 714 1276 860"> <thead> <tr> <th colspan="2"><b>Study Phase Costs</b></th> </tr> </thead> <tbody> <tr> <td>Budget</td> <td>\$200,000</td> </tr> <tr> <td>% Spent</td> <td>5%</td> </tr> <tr> <td>% Complete</td> <td>5%</td> </tr> </tbody> </table>	<b>Study Phase Costs</b>		Budget	\$200,000	% Spent	5%	% Complete	5%	<p><b>Completion of RRA Update:</b> March 2025 (regulatory due date)</p> <p><b>Completion of ERP Update:</b> September 2025 (regulatory due date)</p> <p><b>Projected Operating Impact:</b> None</p>	<p>The project team continues to hold workshops on the required facility assessments for the update to the Risk and Resilience Assessment.</p>
<b>Study Phase Costs</b>												
Budget	\$200,000											
% Spent	5%											
% Complete	5%											

Project Name/Purpose	Scope/Funding Source	Project Cost and Budget	Target Dates / Operating Impact	Current Status								
<p><b>Stoneridge PFAS Treatment Facility Project</b></p> <p><b>Purpose/Benefits:</b></p> <ul style="list-style-type: none"> <li>Provide PFAS treatment for Stoneridge Well to meet applicable state and federal drinking water quality limits.</li> </ul>	<p><b>Scope:</b></p> <ul style="list-style-type: none"> <li>Install three trains (6 vessels) consisting of ion exchange media and a new booster pump station.</li> <li>Work includes construction of the three trains of treatment pressure vessels, installation of a new rate control station on site, piping modifications to and from the well, chemical injection modifications, installation of a new electrical building, and new electrical and instrumentation for the PFAS facility.</li> <li>A switchover to Power and Water Resources Pooling Authority (PWRPA) power was added to reduce power costs.</li> </ul> <p><b>Funding Source:</b></p> <ul style="list-style-type: none"> <li>DWR grant for full project cost</li> </ul>	<p><b>Original Total Estimated Cost:</b> \$16,300,000</p> <p><b>Current Total Estimated Cost:</b> \$16,300,000</p> <p><b>Total Budget:</b> \$16,300,000</p> <p><b>Total Expenditures:</b> \$11,804,300</p> <table border="1" data-bbox="850 751 1276 971"> <thead> <tr> <th colspan="2">Planning, Design &amp; Construction Phase Costs (Design-Build)</th> </tr> </thead> <tbody> <tr> <td>Budget</td> <td>\$16,300,000</td> </tr> <tr> <td>% Spent</td> <td>72%</td> </tr> <tr> <td>% Complete</td> <td>99%</td> </tr> </tbody> </table>	Planning, Design & Construction Phase Costs (Design-Build)		Budget	\$16,300,000	% Spent	72%	% Complete	99%	<p><b>Functional Completion:</b> Summer 2023</p> <p><b>Project Completion:</b> September 2024</p> <p><b>Closeout:</b> December 2025 (for PWRPA power switchover)</p> <p><b>Projected Operating Impact:</b> Improved water quality, improved reliability, and increased operational flexibility. Increased operating cost, with an annual average of approximately \$200,000 are expected associated with ion exchange media replacement and booster pumping power costs.</p>	<p>Startup and testing of all the new facilities is complete, and the project was completed in September 2024.</p> <p>A contract change order was executed for the design of a switchover from PG&amp;E power to PWRPA power at the site. Costs to switch to PWRPA power are estimated at \$500,000. The switch to PWRPA power will save approximately \$300,000 to \$400,000 per year, resulting in a one to two-year payback period. PWRPA will be submitting the application to PG&amp;E in December for the power switch.</p>
Planning, Design & Construction Phase Costs (Design-Build)												
Budget	\$16,300,000											
% Spent	72%											
% Complete	99%											

Project Name/Purpose	Scope/Funding Source	Project Cost and Budget	Target Dates / Operating Impact	Current Status								
<p><b>Wells &amp; MGD Electrical Upgrades/ Replacement Project</b></p> <p><b>Purpose/Benefits:</b></p> <ul style="list-style-type: none"> <li>Replaces electrical equipment at several well sites that is at or approaching the end of its useful life.</li> <li>Ensures reliable water production from groundwater wells.</li> </ul>	<p><b>Scope:</b></p> <ul style="list-style-type: none"> <li>Replace seven variable frequency drives (VFDs) at the Mocho Groundwater Demineralization Plant (MGDP) facility; replace two VFDs at the Chain of Lakes (COL) Wells 1 and 2; and replace electrical switchgear and motor control center (MCC) at Mocho 2, Stoneridge, Hopyard 6 and Hopyard 9 wells.</li> </ul> <p><b>Funding Source:</b></p> <ul style="list-style-type: none"> <li>100% from Fund 120 – Renewal/ Replacement and System-Wide Improvements</li> </ul>	<p><b>Original Total Estimated Cost:</b> \$7,340,000</p> <p><b>Current Total Estimated Cost:</b> \$7,340,000</p> <p><b>Total Budget:</b> \$7,340,000</p> <p><b>Total Expenditures:</b> \$4,581,500</p> <table border="1" data-bbox="821 716 1220 862"> <thead> <tr> <th colspan="2">Costs (Design-Build)</th> </tr> </thead> <tbody> <tr> <td>Budget</td> <td>\$7,340,000</td> </tr> <tr> <td>% Spent</td> <td>62%</td> </tr> <tr> <td>% Complete</td> <td>65%</td> </tr> </tbody> </table>	Costs (Design-Build)		Budget	\$7,340,000	% Spent	62%	% Complete	65%	<p><b>Completion:</b> May 2025</p> <p><b>Projected Operating Impact:</b> Improved water production reliability and increased operational flexibility.</p>	<p>Installation of the VFDs for the COL Wells 1 and 2 and the seven VFDs for the MGD was completed, as well as the main switchboards for Hopyard Well 9 and Mocho Well 2. The medium voltage switchgears for Stoneridge Well and Hopyard Well 6 are tentatively scheduled for installation during March through May, pending scheduling of PG&amp;E inspections and power shutoff approval.</p>
Costs (Design-Build)												
Budget	\$7,340,000											
% Spent	62%											
% Complete	65%											

## Flood Protection System Projects:

Project Name/Purpose	Scope/Funding Source	Project Cost and Budget	Target Dates / Operating Impact	Current Status																
<p><b>Arroyo Mocho Medeiros Reach Floodplain Reconnection Project</b></p> <p><b>Purpose/Benefits:</b></p> <ul style="list-style-type: none"> <li>• Create flood attenuation along Arroyo Mocho</li> <li>• Trail and vegetation improvements</li> <li>• Design consistent with City of Livermore’s Oak Grove Nature Reserve (OGNR) Master Plan</li> </ul>	<p><b>Scope:</b></p> <ul style="list-style-type: none"> <li>• Lower the Arroyo Mocho bike path and berm to allow flood flows to enter OGNR.</li> <li>• Invasive species removal throughout Medeiros Reach.</li> <li>• Improvements to existing dirt trails/access roads/fire breaks in OGNR.</li> </ul> <p><b>Funding Sources:</b> This project is funded by a combination of:</p> <ul style="list-style-type: none"> <li>• 43% Fund 200 – Flood Protection Operations</li> <li>• 57% Fund 210- Flood Protection and Stormwater Drainage DIF</li> <li>• Up to \$500,000 California Natural Resources Agency (CNRA) River Parkways Grant</li> </ul>	<p><b>Total Estimated Cost:</b> \$2,260,000</p> <p><b>Total Budget:</b> \$2,260,000</p> <p><b>Total Expenditures:</b> \$2,201,000</p> <table border="1" data-bbox="884 597 1285 781"> <thead> <tr> <th colspan="2">Planning &amp; Design Phase Costs</th> </tr> </thead> <tbody> <tr> <td>Budget</td> <td>\$1,500,000</td> </tr> <tr> <td>% Spent</td> <td>99%</td> </tr> <tr> <td>% Complete</td> <td>100%</td> </tr> </tbody> </table> <table border="1" data-bbox="884 821 1285 1005"> <thead> <tr> <th colspan="2">Construction Phase Costs</th> </tr> </thead> <tbody> <tr> <td>Budget</td> <td>\$760,000</td> </tr> <tr> <td>% Spent</td> <td>94%</td> </tr> <tr> <td>% Complete</td> <td>100%</td> </tr> </tbody> </table>	Planning & Design Phase Costs		Budget	\$1,500,000	% Spent	99%	% Complete	100%	Construction Phase Costs		Budget	\$760,000	% Spent	94%	% Complete	100%	<p><b>Construction:</b> Completed October 2022</p> <p><b>Mitigation:</b> Completed October 2023</p> <p><b>Closeout:</b> November 2024</p> <p><b>Projected Operating Impact:</b> Small increase in maintenance costs due to ownership of additional flood protection facilities.</p>	<p>Construction and mitigation are completed.</p> <p>All requests for reimbursements, totaling \$450,000, were submitted and reimbursement was received. CNRA retains 10 percent until all final project documentation is submitted. The final release of retention of \$50,000 is anticipated at the end of November 2024.</p>
Planning & Design Phase Costs																				
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Project Name/Purpose	Scope/Funding Source	Project Cost and Budget	Target Dates / Operating Impact	Current Status																
<p><b>Alamo Creek Bank Stabilization Pilot Project</b></p> <p><b>Purpose/Benefits:</b></p> <ul style="list-style-type: none"> <li>Pilot project to test channel erosion treatments that will be proposed as part of the Flood Management Plan</li> <li>Repair a section of Alamo Creek in Dublin to help restore functionality and integrity of the flood protection system using vegetation and rock</li> <li>Repair areas of bank damage from the 2023 winter storms</li> </ul>	<p><b>Scope:</b></p> <ul style="list-style-type: none"> <li>Repair the channel downstream of the Alamo Creek and South San Ramon Creek confluence structure that experiences high velocities and toe erosion</li> <li>Install five different modules (design types) designed to stabilize the toe with rock vanes, vegetated soil lifts, willow plantings, or rip rap toe trenches.</li> <li>Repair bank damage caused by the 2023 storms in the project area</li> </ul> <p><b>Funding Sources:</b></p> <ul style="list-style-type: none"> <li>Fund 200 – Flood Protection Operations</li> <li>DWR has awarded up to a \$4.6M grant through the Floodplain Management, Protection, and Risk Awareness Grant Program</li> <li>Requires Zone 7 matching funds of 25% (\$1.54M)</li> <li>Storm damage repair expenses may be reimbursed by FEMA</li> </ul>	<p><b>Total Estimated Cost:</b> \$6,120,000</p> <p><b>Total Proposed Budget:</b> \$6,120,000</p> <p><b>Total Expenditures:</b> \$602,000</p> <table border="1" data-bbox="894 591 1310 774"> <thead> <tr> <th colspan="2">Planning &amp; Design Phase Costs</th> </tr> </thead> <tbody> <tr> <td>Budget</td> <td>\$820,000</td> </tr> <tr> <td>% Spent</td> <td>73%</td> </tr> <tr> <td>% Complete</td> <td>73%</td> </tr> </tbody> </table> <table border="1" data-bbox="894 813 1310 961"> <thead> <tr> <th colspan="2">Construction Phase Costs</th> </tr> </thead> <tbody> <tr> <td>Budget</td> <td>\$5,300,000</td> </tr> <tr> <td>% Spent</td> <td>0%</td> </tr> <tr> <td>% Complete</td> <td>0%</td> </tr> </tbody> </table> <p>Does not include non-reimbursable costs for 2023 storm damage repairs</p>	Planning & Design Phase Costs		Budget	\$820,000	% Spent	73%	% Complete	73%	Construction Phase Costs		Budget	\$5,300,000	% Spent	0%	% Complete	0%	<p><b>Design:</b> May 2023 – November 2024</p> <p><b>Permitting:</b> Winter 2025</p> <p><b>Construction:</b> Summer/Fall 2025</p> <p><b>Closeout:</b> December 2025</p> <p><b>Projected Operating Impact:</b> Reduced future maintenance and repair costs.</p>	<p>The 60% design specifications and cost estimates are under review. All technical studies to support environmental permits have been drafted and are under review. Permit applications are anticipated to be submitted in November. Staff has submitted the second quarterly report to the Department of Water Resources (DWR).</p>
Planning & Design Phase Costs																				
Budget	\$820,000																			
% Spent	73%																			
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Project Name/Purpose	Scope/Funding Source	Project Cost and Budget	Target Dates / Operating Impact	Current Status																
<p><b>2022-2023 Storm Damage High Priority Repairs</b></p> <p><b>Purpose/Benefits:</b></p> <ul style="list-style-type: none"> <li>Restore channel embankments damaged during the December 2022-January 2023 storm event.</li> <li>Improve channel capacity and stability and prevent further damage.</li> </ul>	<p><b>Scope:</b></p> <ul style="list-style-type: none"> <li>Repair three high-priority sites that experienced damage during the 2022-2023 storm events at Golden Eagle Estates and Line G-1-1 near DSRSD.</li> <li>These repair sites do not qualify for the US Army Corp of Engineers (USACE) Assistance Program but may be eligible for reimbursement by the Federal Emergency Management Agency (FEMA).</li> <li>Improvements will include bank stabilization with rip rap, geogrids to reinforce the channel soils, and erosion control fabric on top of all new repairs and hydroseeding.</li> </ul> <p><b>Funding Sources:</b></p> <ul style="list-style-type: none"> <li>Fund 200 – Flood Protection Operations</li> <li>May be eligible for reimbursement by FEMA</li> </ul>	<p><b>Total Estimated Cost:</b> \$2,441,000</p> <p><b>Total Proposed Budget:</b> \$2,441,000</p> <p><b>Total Expenditures:</b> \$432,200</p> <table border="1" data-bbox="894 521 1318 704"> <thead> <tr> <th colspan="2">Planning &amp; Design Phase Costs</th> </tr> </thead> <tbody> <tr> <td>Budget</td> <td>\$700,000</td> </tr> <tr> <td>% Spent</td> <td>62%</td> </tr> <tr> <td>% Complete</td> <td>62%</td> </tr> </tbody> </table> <table border="1" data-bbox="894 743 1318 893"> <thead> <tr> <th colspan="2">Construction Phase Costs</th> </tr> </thead> <tbody> <tr> <td>Budget</td> <td>\$1,741,000</td> </tr> <tr> <td>% Spent</td> <td>0%</td> </tr> <tr> <td>% Complete</td> <td>0%</td> </tr> </tbody> </table>	Planning & Design Phase Costs		Budget	\$700,000	% Spent	62%	% Complete	62%	Construction Phase Costs		Budget	\$1,741,000	% Spent	0%	% Complete	0%	<p><b>Design:</b> Spring 2024</p> <p><b>Permitting:</b> Fall/Winter 2024</p> <p><b>Construction:</b> Spring/Summer2025</p> <p><b>Closeout:</b> Fall 2025</p> <p><b>Projected Operating Impact:</b> Restore channel stability.</p>	<p>The Board awarded the construction contract for this project at the September Board meeting. Pending environmental permits, construction will begin in spring 2025, and in-channel work will be completed by end of October 2025. Permit applications have been submitted and staff is addressing comments from regulatory agencies.</p> <p>Design for the other two high priority repair sites, at Arroyo Las Positas and El Charro Road and Arroyo Mocho at Medeiros, are currently being updated to address comments from regulatory agencies. Consequently, these two repair sites were removed from the current construction project to maintain the schedule for the remaining three sites.</p>
Planning & Design Phase Costs																				
Budget	\$700,000																			
% Spent	62%																			
% Complete	62%																			
Construction Phase Costs																				
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% Spent	0%																			
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Project Name/Purpose	Scope/Funding Source	Project Cost and Budget	Target Dates / Operating Impact	Current Status																
<p><b>2023 Storm Damage Repairs - Phase 1</b></p> <p><b>Purpose/Benefits:</b></p> <ul style="list-style-type: none"> <li>Restore channel embankments damaged during the December 2022-January 2023 storm event.</li> <li>Improve channel capacity and stability and prevent further damage.</li> </ul>	<p><b>Scope:</b></p> <ul style="list-style-type: none"> <li>Design and environmental planning for the repair of approximately 50 out of 177 sites that experienced damage during the 2022-2023 storm events.</li> <li>Approximately 25 high to medium priority sites will undergo repair in Phase 1.</li> <li>Approximately 25 sites will be repaired as part of Phase 2 in 2026.</li> <li>Improvements will include stabilization of channel banks utilizing rock rip rap, bio-engineered building units, and eco-friendly crib walls. Erosion control fabric will be placed on top of all new repairs and hydroseeded.</li> </ul> <p><b>Funding Sources:</b></p> <ul style="list-style-type: none"> <li>Fund 200 – Flood Protection Operations</li> <li>Zone 7 will be seeking a federal grant for design and construction costs</li> </ul>	<p><b>Total Estimated Cost:</b> \$8,062,000</p> <p><b>Total Proposed Budget:</b> \$8,062,000</p> <p><b>Total Expenditures:</b> \$608,400</p> <table border="1" data-bbox="894 521 1318 704"> <thead> <tr> <th colspan="2">Planning &amp; Design Phase Costs</th> </tr> </thead> <tbody> <tr> <td>Budget</td> <td>\$1,082,000</td> </tr> <tr> <td>% Spent</td> <td>56%</td> </tr> <tr> <td>% Complete</td> <td>56%</td> </tr> </tbody> </table> <table border="1" data-bbox="894 743 1318 893"> <thead> <tr> <th colspan="2">Construction Phase Costs</th> </tr> </thead> <tbody> <tr> <td>Budget</td> <td>\$6,980,000</td> </tr> <tr> <td>% Spent</td> <td>0%</td> </tr> <tr> <td>% Complete</td> <td>0%</td> </tr> </tbody> </table>	Planning & Design Phase Costs		Budget	\$1,082,000	% Spent	56%	% Complete	56%	Construction Phase Costs		Budget	\$6,980,000	% Spent	0%	% Complete	0%	<p><b>Design:</b> February 2025</p> <p><b>Permitting:</b> April 2025</p> <p><b>Construction:</b> Fall 2025</p> <p><b>Closeout:</b> December 2025</p> <p><b>Projected Operating Impact:</b> Restore channel stability.</p>	<p>A 65% design workshop was held. The design team is revising the 65% design based on staff feedback and preparing a geomorphic report before scheduling a pre-application meeting with the Regional Water Quality Control Board.</p>
Planning & Design Phase Costs																				
Budget	\$1,082,000																			
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**ORIGINATING SECTION:** Administrative Services

**CONTACT:** Osborn Solitei

**AGENDA DATE:** November 20, 2024

**SUBJECT:** Unaudited FY 2024-25 First Quarter Revenue and Expenditure (R&E) Report

**SUMMARY:**

The proposed action is in support of Strategic Plan Goal G – Fiscal Responsibility: Operate the Agency in a fiscally responsible manner, and Strategic Plan Initiative No. 24 – Continue to effectively manage financial resources for the Agency. In carrying out these fiscal responsibilities, staff provides quarterly financial reports to the Finance Committee and the Board. This quarterly report provides a summary of unaudited revenue and expenditures, fiscal year-end projections, and explanations of any major variances through the first quarter of fiscal year (FY) 2024-25 (July 1, 2024 – September 30, 2024) for the following funds:

- › Fund 100 – Water Enterprise Operations
- › Fund 110 – State Water Facilities
- › Fund 120 – Water Enterprise Renewal/Replacement & System-Wide Improvements
- › Fund 130 – Water Enterprise Capital Expansion
- › Fund 200 – Flood Protection Operations
- › Fund 210 – Flood Protection Development Impact Fee Fund (DIF)

The period of July 1, 2024, through September 30, 2024, is reported herein. However, the Agency’s revenue and expenditures cycles do not follow this pattern. Therefore, the first quarter is not a strong trend indicator for year-end revenues and expenditures.

Highlights of this report include:

- › **State Water Project Allocation** – On April 23, 2024, Department of Water Resources (DWR) announced a 40% State Water Project (SWP) allocation for calendar year (CY) 2024.
- › **Grant Award for Stoneridge PFAS Project** – The Agency was formally awarded \$16 million for the Stoneridge PFAS Treatment Facility project in September 2023. DWR and the Agency signed the Grant Agreement on April 4, 2024. The Agency received approximately \$9.1M in FY 2023-24 and expects to receive the remaining proceeds in FY 2024-25.
- › **Los Vaqueros Reservoir Expansion Project** – On September 18, 2024, the Contra Costa Water District (CCWD) Board of Directors directed CCWD staff to develop an approach to end CCWD’s participation in the project. Without the continued participation of CCWD, the regional collaborative project cannot move forward as it relies upon use of existing CCWD facilities.

**ANALYSIS:**

The Agency maintains several funds; these fund balances are grouped into two categories – Unrestricted Fund Balances and Restricted Fund Balances.

**UNRESTRICTED FUNDS**

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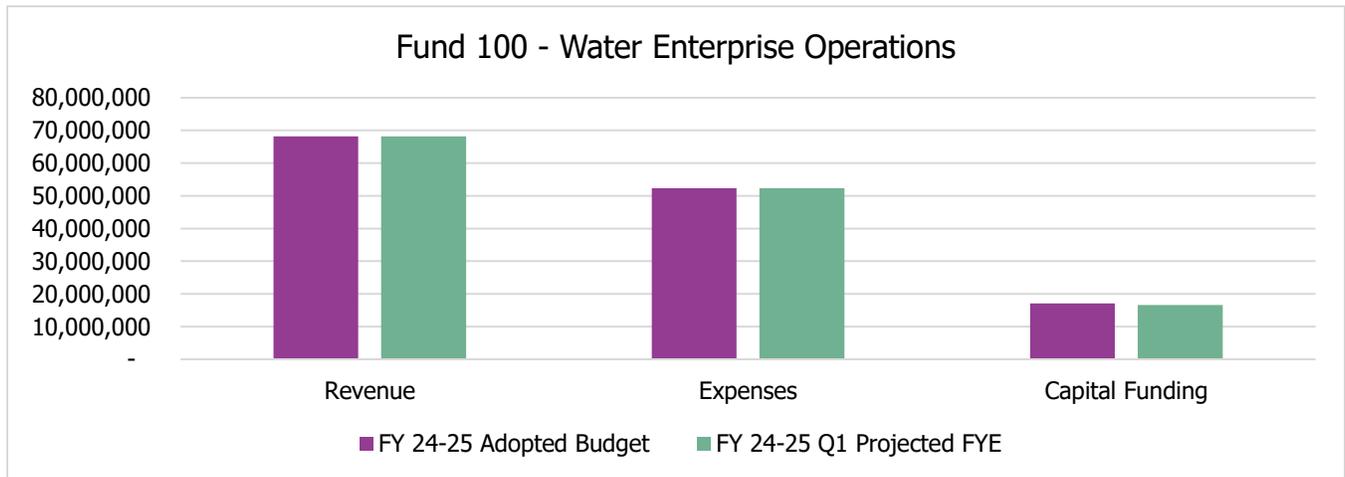
**Unrestricted Fund Balance:** This describes the portion of fund balance which is not restricted to use. To facilitate the discussion of reserve funds, this report will categorize the various funds as “Unrestricted Reserves” and “Restricted Reserves.” In general, Board policy can most affect Unrestricted Reserves.

**Fund 100 – Water Enterprise Operations Fund**

*Primary Funding Source: Water Rates*

The purpose of this fund is to ensure the delivery of high-quality drinking and irrigation water to the Livermore-Amador Valley. This operations and maintenance fund includes water treatment and distribution of potable (drinking) water, distribution of untreated agricultural/irrigation water, surface water, and groundwater management. Water distributed is a combination of locally stored and imported water from the SWP. Activities include water treatment, water quality analysis, water resource management, groundwater recharge and protection, maintenance, out-of-area water banking infrastructure, and water supply planning and engineering.

The following graph shows the FY 2024-25 Adopted Budget and first quarter (Q1) projected fiscal year-end (FYE) revenues, expenditures, and capital funding.



## Details of Revenue and Expenses for Fund 100

Fund 100 - Water Enterprise Operations	FY 24-25 Adopted Budget	FY 24-25 Q1 YTD Actual	FY 24-25 Q1 Projected FYE	Year-End Over / (Under) Budget
<b>Unaudited Beg. Fund Balance</b>	<b>\$32,050,000</b>	<b>\$32,190,000</b>	<b>\$32,190,000</b>	<b>\$140,000</b>
Estimated Carryover from Multi-year Services	-	-	-	-
<b>Adjusted Beg. Fund Balance</b>	<b>32,050,000</b>	<b>32,190,000</b>	<b>32,190,000</b>	<b>\$140,000</b>
<b>Revenue</b>				
Water Sales <sup>1</sup>	67,393,000	20,996,776	67,393,000	-
Investment Earnings <sup>2</sup>	479,000	141,974	479,000	-
Other Revenue <sup>3</sup>	313,000	264,413	313,000	-
<b>Total Revenue</b>	<b>68,185,000</b>	<b>21,403,164</b>	<b>68,185,000</b>	<b>-</b>
<b>Expenses</b>				
Labor <sup>4</sup>	20,255,000	5,766,320	20,255,000	-
Professional Services <sup>5</sup>	4,216,000	543,725	4,216,000	-
Legal Services	455,000	29,737	455,000	-
County Services	1,133,000	266,823	1,133,000	-
Insurance Services	850,000	551,081	850,000	-
Water <sup>6</sup>	9,252,000	1,946,506	9,252,000	-
Chemicals <sup>6</sup>	4,000,000	1,405,626	4,000,000	-
Utilities <sup>6</sup>	2,308,000	307,638	2,308,000	-
Repairs and Maintenance	2,388,000	711,060	2,388,000	-
Rental Services	556,000	68,531	556,000	-
General/Other Supplies	938,000	299,397	938,000	-
Other Services <sup>7</sup>	996,000	398,418	996,000	-
Debt Service	4,976,000	3,230,689	4,976,000	-
<b>Total Operating Expenses</b>	<b>52,323,000</b>	<b>15,525,551</b>	<b>52,323,000</b>	<b>-</b>
Capital Funding <sup>8</sup>	17,118,000	4,158,460	16,647,000	(471,000)
<b>Total Expenses</b>	<b>69,441,000</b>	<b>19,684,011</b>	<b>68,970,000</b>	<b>(471,000)</b>
Estimated Revenue over Expenses	(1,256,000)	1,719,153	(785,000)	471,000
<b>Ending Fund Balance</b>	<b>\$30,794,000</b>	<b>\$33,909,153</b>	<b>\$31,405,000</b>	<b>\$611,000</b>

Note: Projected values are rounded to the thousands.

### Revenue

- 1. Water Sales:** Year-to-date (YTD) water sales revenue reflects water sales through September 30, 2024. Water sales revenue is up 8% from this time last year due to the Board adopted rate revenue increase (5.5% for CY 2024) and a 4.5% increase in treated water deliveries.
- 2. Investment Earnings:** Projected interest earnings reflect budget.
- 3. Other Revenue:** YTD revenue is primarily made up of the DWR refunds. The year-end projection reflects the budget as there is neither additional information nor available trends to change the projection.

## Expenditures

- 4. Labor:** YTD labor includes payroll through September 30, 2024. A 4% cost of living adjustment took effect June 2024. As of September 30, 2024, the Agency had a 13% vacancy rate. There is neither additional information nor trends available to change the projection.
- 5. Professional Services:** Includes professional services related to the water enterprise operations. The year-end projection is unchanged from budget as there is neither additional information nor trends available to change the projection.
- 6. Water production costs:** Includes Water, Chemicals, and Utilities.

*Water:* The SWP allocation for CY 2024 is 40%. YTD expenses are primarily made up of the SWP conveyance costs and the Agency's Delta Conveyance Project participation costs. There is neither additional information nor trends available to change the projection.

*Chemicals and Utilities:* YTD chemical expenditures are up 24% from this time last year due to inflationary cost increases. YTD utility costs are down 32% compared to this time last year primarily due to a decrease in PWRPA rates at the treatment plants this year. There is neither additional information nor trends available to change the year-end projection.

- 7. Other Services:** This category includes organizational memberships, rebates, and public outreach. The year-end projection is unchanged from budget as there is neither additional information nor trends available to change the projection.
- 8. Capital Funding:** The projected capital funding is less than budget as the budget assumes a 3% annual adjustment, and the actual Engineering News Record Construction Cost Index (ENRCCI) adjustment from June 2023 to June 2024 was 0.001%.

## Water Supply Conditions

The SWP's final allocation for 2024 is 40% (see the Monthly Water Inventory and Water Budget Update in the November 20, 2024, Board Agenda packet). The United States Drought Monitor indicates most of California is abnormally dry.

(<https://droughtmonitor.unl.edu/CurrentMap/StateDroughtMonitor.aspx?CA>)

## Reserves

Per Initiative #24 of the Agency's Strategic Plan, the Agency shall maintain target levels of reserves. As of September 30, 2024, Fund 100 reserves are fully funded at the target level. The table and chart below compare Minimum, Target, and Maximum reserves to projected fiscal year-end reserves. The projected fiscal year-end unallocated fund balance is about \$2.9M. The FY 2025-26 Adopted Budget plans for use of approximately \$1,256,000 of the unallocated fund balance to balance the budget.

Fund 100 Reserves	Minimum	Target	Maximum	FY 24-25 Q1 Projected FYE	Actual Above / (Below) Target
Operating Reserves <sup>1</sup>	\$8,601,000	\$12,902,000	\$17,202,000	\$12,902,000	-
Emergency Reserves <sup>2</sup>	6,705,000	8,381,000	10,058,000	8,381,000	-
Reserve for Economic Uncertainties <sup>3</sup>	3,532,000	5,298,000	7,065,000	5,298,000	-
<b>Subtotal</b>	<b>\$18,838,000</b>	<b>\$26,581,000</b>	<b>\$34,325,000</b>	<b>\$26,581,000</b>	-
Pension Trust Fund				1,920,000	-
Projected Unallocated Fund Balance				2,904,000	2,904,000
<b>Total Reserves</b>	<b>\$18,838,000</b>	<b>\$26,581,000</b>	<b>\$34,325,000</b>	<b>\$31,405,000</b>	<b>\$2,904,000</b>

Note: Values rounded to the thousands.

<sup>1</sup>The FY 24-25 Q1 projected FYE Operating Reserve is funded at the target level of 90 days of operating expenses.

<sup>2</sup>The FY 24-25 Q1 projected FYE Emergency Reserve is funded at the target level of 2.5% of Water Enterprise assets.

<sup>3</sup>The FY 24-25 Q1 projected FYE Reserve for Economic Uncertainties is funded at 15% of FY 24-25 budgeted volume-based water sales revenue.

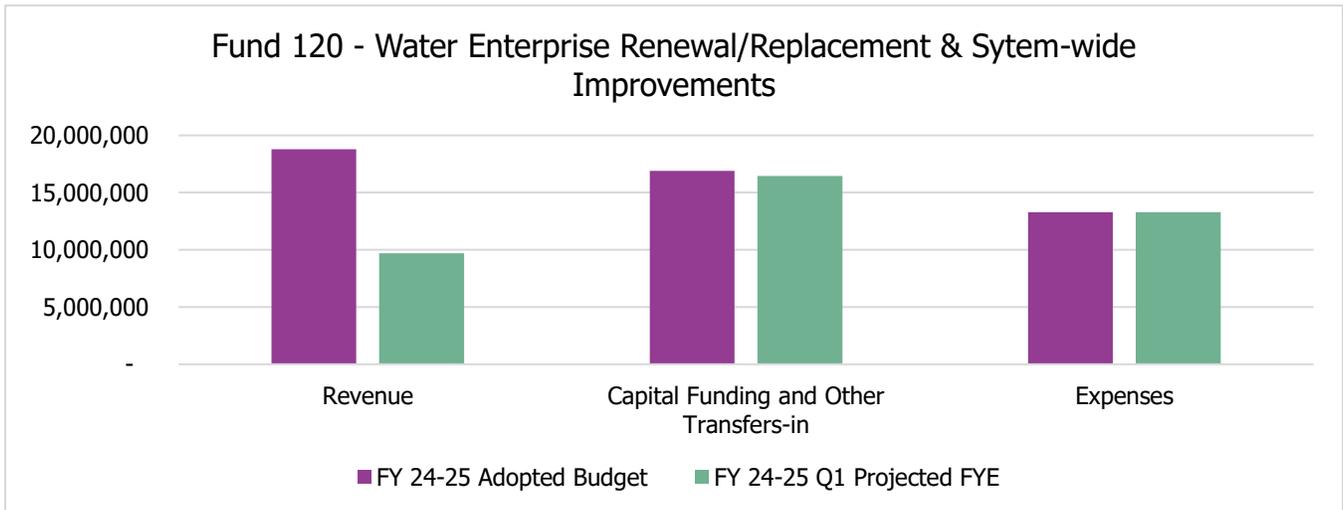
### Fund 120 – Water Renewal/Replacement & System-Wide Improvements

*This is a sub-fund of the Fund 100 – Water Enterprise Operations Fund*

*Primary Funding Source: Water Rates via a transfer from Fund 100*

The purpose of this fund is to ensure funding is available for capital renewal, replacement, and system-wide improvement projects needed to keep the current water treatment and delivery systems functioning effectively. Fund 120 pays for capital projects as outlined in the Agency’s asset management program and the capital improvement program.

The following graph shows the FY 2024-25 Adopted Budget and Q1 projected fiscal year-end revenue, capital funding, and expenditures.



Note: When expenses exceed revenue, capital reserves (working capital) are being expended.

## Details of Revenue and Expenses for Fund 120

Fund 120 - Water Enterprise Renewal/Replacement & Systemwide Improvements	FY 24-25 Adopted Budget	FY 24-25 Q1 YTD Actual	FY 24-25 Q1 Projected FYE	Year-End Over/(Under) Budget
<b>Unaudited Beginning Fund Balance</b>	<b>\$70,914,000</b>	<b>\$72,823,000</b>	<b>\$72,823,000</b>	<b>\$1,909,000</b>
Estimated Carryover from Multi-Year Projects	36,000,000		\$36,000,000	-
<b>Adjusted Beginning Fund Balance</b>	<b>\$34,914,000</b>	<b>\$72,823,000</b>	<b>\$36,823,000</b>	<b>\$1,909,000</b>
<b>Revenue</b>				
Investment Earnings	1,378,000	536,707	1,378,000	-
Other Revenue	452,000	-	452,000	-
DWR Grant <sup>1</sup>	16,958,000	-	7,858,000	(9,100,000)
<b>Total Revenue</b>	<b>\$18,788,000</b>	<b>536,707</b>	<b>\$9,688,000</b>	<b>(9,100,000)</b>
<b>Other Financing Sources</b>				
Capital Funding <sup>2</sup>	16,912,000	4,110,182	16,441,000	(471,000)
<b>Total Other Financing Sources</b>	<b>\$16,912,000</b>	<b>\$4,110,182</b>	<b>\$16,441,000</b>	<b>(471,000)</b>
<b>Expenses</b>				
Labor <sup>3</sup>	2,118,000	386,256	2,118,000	-
Capital Projects <sup>4</sup>	11,173,000	4,319,005	11,173,000	-
<b>Total Expenses</b>	<b>\$13,291,000</b>	<b>\$4,705,261</b>	<b>\$13,291,000</b>	<b>-</b>
Estimated Revenue/Other Financing Sources over Expenses	22,409,000	(58,371)	12,838,000	(9,571,000)
<b>Ending Fund Balance</b>	<b>\$57,323,000</b>	<b>\$72,764,629</b>	<b>\$49,661,000</b>	<b>(7,662,000)</b>

Note: Projected values are rounded to the thousands.

### Revenue

- DWR Grant:** The Agency was formally awarded \$16M for the Stoneridge PFAS Treatment Facility project in September 2023. The Agency received approximately \$9.1M in FY 2023-24 and expects to receive the remaining proceeds in FY 2024-25.
- Capital Funding:** The projected capital funding is less than budget as the budget assumes a 3% annual adjustment, and the actual Engineering News Record Construction Cost Index (ENRCCI) adjustment from June 2023 to June 2024 was 0.001%.

### Expenses

- Labor costs:** YTD labor includes payroll through September 30, 2024. There is neither additional information nor trends available to change the projection.
- Capital Projects:** Includes project costs for FY 2024-25 budgeted projects. The year-end projection is unchanged from budget as there is neither additional information nor trends available to change the projection.

## Reserves

The table below compares the FY 2024-25 Adopted Budget ending reserve balances to the Q1 projected ending reserve balances.

<b>Fund 120 Reserves</b>	<b>FY 24-25 Adopted Budget FYE</b>	<b>FY 24-25 Q1 Projected FYE</b>
Debt Service Rate Stabilization Reserve	\$6,300,000	\$6,300,000
Pension Trust	57,000	57,000
Designated for Capital Projects Reserve <sup>1</sup>	50,966,000	43,304,000
<b>Total Reserve</b>	<b>\$57,323,000</b>	<b>\$49,661,000</b>

<sup>1</sup>Reserve is designated for capital projects to fund the Fund 120 CIP projects the Agency has committed to over the next five years. The Zone 7 Board adopted the Five-Year Water System CIP on June 21, 2023 (Resolution No. 17-81).

Below is a summary of the major projects in progress. For more information on capital projects, see the Capital Projects Status Report, in the November 20, 2024, Board meeting agenda packet.

<b>Project</b>	<b>Total Estimated Cost</b>	<b>Fund 120 Share</b>	<b>Fund 120 Cash Financed</b>	<b>Fund 120 Bond Financing</b>	<b>Status</b>	<b>In-Service</b>
Asset Management Program and Ten-Year CIP Update	\$1.15M	\$902K	\$902K	\$-	Planning	Feb. 2025
Pipeline Inspection Study	\$250K	\$250K	\$250K	\$-	In-process	Winter 2024
MGDP Concentrate Conditioning	\$7.8M	\$7.8M	\$7.8M	\$-	Construction	January 2025
Chain of Lakes PFAS Treatment Facility Project <sup>1</sup>	\$24.4M	\$24.4M	\$2.4M	\$22M <sup>1</sup>	Construction	Winter 2024
Stoneridge Well PFAS Project	\$16.3M	\$16.3M	\$16.3M	\$-	Functional completion September 2023	Fall 2024
Wells & MGDP Electrical Upgrades/ Replacement Project	\$7.3M	\$7.3M	\$7.3M	\$-	Construction	Spring 2025
Electric Vehicle Chargers	\$651K	\$651K	\$651K	\$-	Design	Spring 2025
DVWTP Booster Pump Station VFD and Underdrain Pump Station Replacement	\$1.91M	1.91M	\$1.91M	\$-	Construction	Spring 2026
Mocho PFAS Treatment Facility Conceptual Design Report	\$500K	\$500K	\$500K	\$-	Planning	Winter 2024
Risk and Resilience Assessment and Emergency Response Plan	\$200K	\$200K	\$200K	\$-	Planning	Spring 2025
<b>Total</b>	<b>\$60.46M</b>	<b>\$60.21M</b>	<b>\$38.21M</b>	<b>\$22.0M</b>		

## RESTRICTED FUNDS ANALYSIS

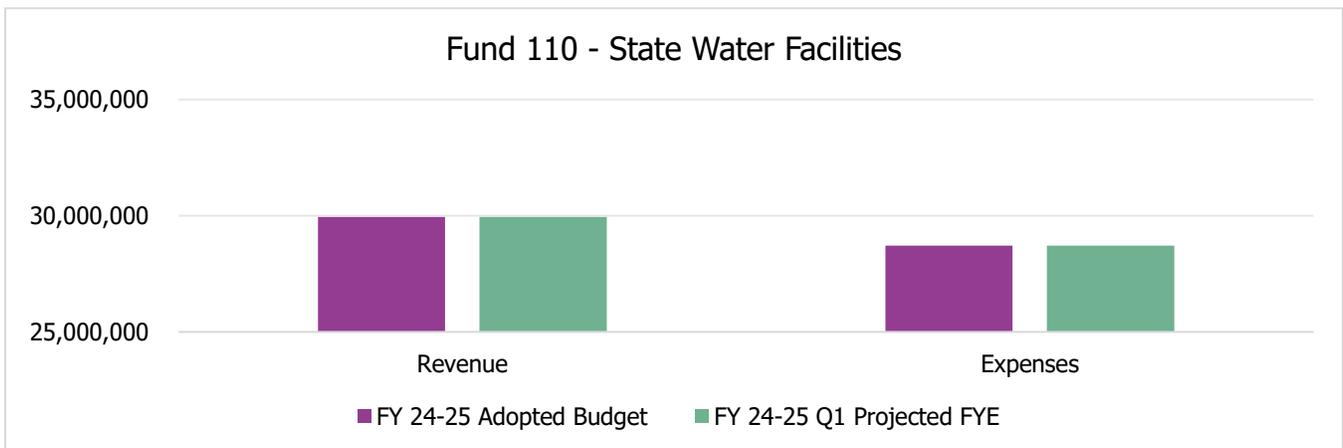
**Restricted Fund Balance:** Includes the portion of the fund balance that can only be spent for the specific purposes stipulated by external resource providers, constitutionally or through enabling legislation. Restrictions may effectively be changed or lifted only with the consent of resource providers. The restricted fund balance also includes a legally enforceable requirement that the resources can only be used for specific purposes enumerated in the law. The restricted funds are not available to serve as operating or emergency reserves. These primarily include property taxes, connection and developer fees received for capital projects, debt service requirements, and fees charged for the provision of future water resources.

### Fund 110 – State Water Facilities Fund

*Primary Funding Source: Property Taxes. The property tax override is exempt from the ad valorem property tax levy limitations of Article XIII A of the Constitution of the State of California as the indebtedness was approved prior to July 1, 1978.*

Fund 110 funds the fixed cost payment to DWR to import water to the Agency which includes repayment of voter-approved, State-incurred, long-term debt.

The following graph shows the FY 2024-25 Adopted Budget and Q1 projected fiscal year-end revenue and expenditures.



When expenses exceed revenue, operating reserves (working capital) are being expended.

## Details of Revenue and Expenses for Fund 110

Fund 110 - State Water Facilities	FY 24-25 Adopted Budget	FY 24-25 Q1 YTD Actual	FY 24-25 Q1 Projected FYE	Year-End Over / (Under) Budget
<b>Unaudited Beg. Fund Balance</b>	<b>\$51,731,000</b>	<b>\$53,052,000</b>	<b>\$53,052,000</b>	<b>\$1,321,000</b>
<b>Revenue</b>				
Dougherty Valley Surcharge	2,773,000	-	2,773,000	-
Property Taxes <sup>1</sup>	22,201,000	782,698	22,201,000	-
DWR Refunds	3,675,000	-	3,675,000	-
Investment Earnings	1,292,000	314,729	1,292,000	-
<b>Total Revenue</b>	<b>29,941,000</b>	<b>1,097,427</b>	<b>29,941,000</b>	<b>-</b>
<b>Expenses<sup>2</sup></b>	<b>28,712,000</b>	<b>13,429,947</b>	<b>28,712,000</b>	<b>-</b>
Estimated Revenue over Expenses	1,229,000	(12,332,520)	1,229,000	-
<b>Ending Fund Balance</b>	<b>\$52,960,000</b>	<b>\$40,719,480</b>	<b>\$54,281,000</b>	<b>\$1,321,000</b>

Note: Projection values are rounded to the thousands.

### Revenue

This is a pass-through fund for fixed charges associated with the SWP, assessed as a property tax override.

- 1. Property Taxes:** The YTD actual is comprised of revenue received through unsecured property taxes. The Agency has not received the first installment of property tax, which is typical for the first quarter. The first property tax installment will be received in December and will be reflected in the second quarter revenue and expenditure report. The revenue projection is based on the budget as there is neither additional information nor significant trends available to change the fiscal year-end revenue projection at this time.

### Expenses

- 2. Expenditures:** Include DWR fixed charges that occur both monthly and semi-annually. Transportation capital charges and the improvement portion of the SBA Improvement and Enlargement Project debt service payments are paid in January/July and March/September, respectively. When expenses exceed revenue, operating reserves (working capital) are being expended.

### Reserves

The following table compares the FY 2024-25 Adopted Budget ending reserve balance to the Q1 projected ending reserve balance and maximum reserve. Although the current reserve balance exceeds the reserve maximum, State Water Project costs are highly volatile and unpredictable. These costs are expected to increase at a rate significantly above inflation.

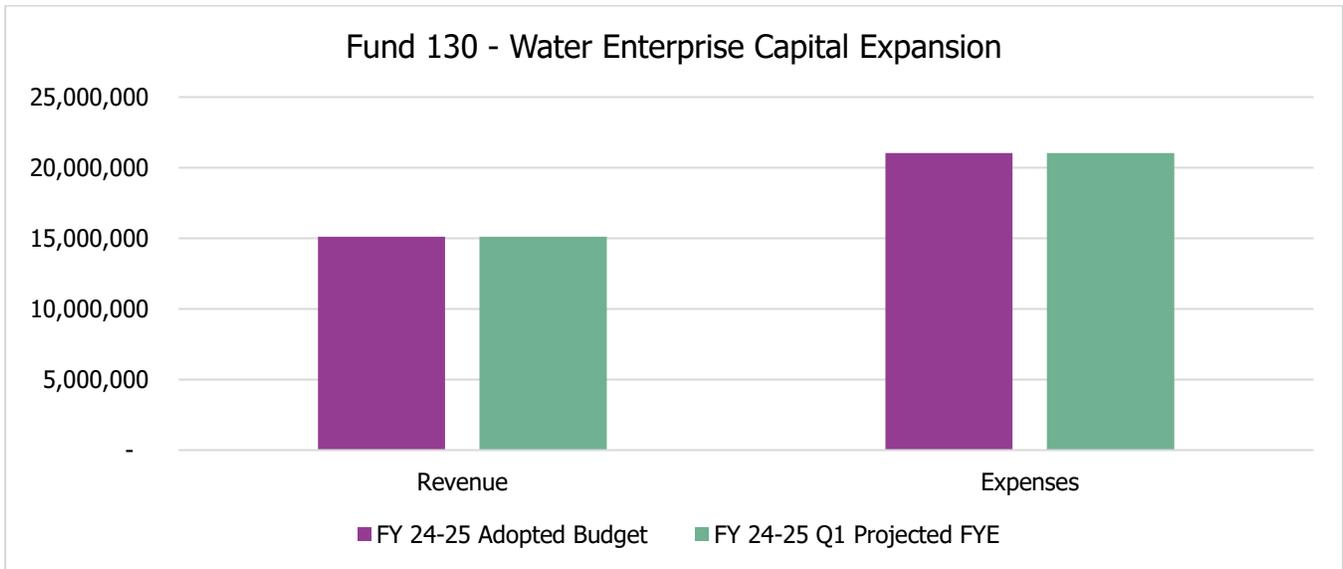
Fund 110 Reserves	FY 24-25 Adopted Budget FYE	FY 24-25 Q1 Projected FYE	Reserve Maximum
Operating Reserve	\$52,960,000	\$54,281,000	\$28,712,000
Total Reserve	\$52,960,000	\$54,281,000	\$28,712,000

## Fund 130 – Water Enterprise Capital Expansion

*Primary Funding Source: Water Connection Fees.*

The purpose of this fund is to ensure the Agency can meet the future needs of new customers with development paying its own way. The program is primarily intended to provide funding for new or expanded facilities and additional water supplies to serve additional capacity requirements of development. Most expenses in this fund are fixed (i.e., bond payment obligations for debt incurred by others to increase capacity, such as the enlargement portion of the South Bay Aqueduct Improvement and Enlargement Project). Developer fees can only be used for projects related to water system expansion.

The following graph shows the FY 2024-25 Adopted Budget and Q1 projected fiscal year-end revenue and expenditures.



## Details of Revenue and Expenses for Fund 130

Fund 130 - Water Enterprise Capital Expansion	FY 24-25 Adopted Budget	FY 24-25 Q1 YTD Actual	FY 24-25 Q1 Projected FYE	Year-End Over/(Under) Budget
<b>Unaudited Beg. Fund Balance</b>	<b>\$69,651,000</b>	<b>\$69,977,000</b>	<b>\$69,977,000</b>	<b>\$326,000</b>
Estimated Carryover from Multi-year Projects	\$3,000,000		\$3,000,000	-
<b>Adjusted Beg. Fund Balance</b>	<b>\$66,651,000</b>	<b>\$69,977,000</b>	<b>\$66,977,000</b>	<b>\$326,000</b>
<b>Revenue</b>				
Connection Fees <sup>1</sup>	10,000,000	820,433	10,000,000	-
Investment Earnings <sup>2</sup>	1,669,000	464,805	1,669,000	-
DWR Refunds	3,450,000	-	3,450,000	-
<b>Total Revenue</b>	<b>\$15,119,000</b>	<b>1,285,238</b>	<b>\$15,119,000</b>	<b>-</b>
<b>Expenses</b>				
Labor <sup>3</sup>	379,000	71,346	379,000	-
Professional Services	250,000	69,337	250,000	-
Water <sup>4</sup>	16,790,000	11,704,310	16,790,000	-
Capital Projects <sup>5</sup>	2,518,000	50,908	2,518,000	-
Debt Service	1,092,000	650,000	1,092,000	-
<b>Total Expenses</b>	<b>\$21,029,000</b>	<b>\$12,545,902</b>	<b>\$21,029,000</b>	<b>-</b>
Estimated Revenue over Expenses	(5,910,000)	(11,260,664)	(5,910,000)	
<b>Ending Fund Balance</b>	<b>\$60,741,000</b>	<b>\$58,716,336</b>	<b>\$61,067,000</b>	<b>\$326,000</b>

Note: Projected values are rounded to the thousands.

### Revenue

The primary source of revenue is connection fees.

- 1. Connection Fees:** YTD revenue is comprised of connection fees from approximately 24 connections from the Dublin San Ramon Services District service area. At the October 16, 2024, Board Meeting, the Board approved the normal inflationary adjustment to the CY 2025 water connection fees. The adjusted fees will go into effect January 1, 2025.
- 2. Investment Earnings:** Year-end interest earnings projection reflects budget.

### Expenses

- 3. Labor:** Includes this fund's share of payroll through September 30, 2024, for capital expansion projects.
- 4. Water:** YTD expenses are made up of the first installment of the South Bay Aqueduct debt service payments (paid in September and March).
- 5. Capital Projects:** Includes capital project expenses approved in the FY 2024-25 budget, including continued participation in the Sites Reservoir project, the well master plan, and the 10-year capital improvement plan update. The year-end projection reflects budget.

## Reserves

The table below compares the FY 2024-25 Adopted Budget ending reserve balances to the Q1 projected ending reserve balances.

<b>Fund 130 Reserves</b>	<b>FY 24-25 Adopted Budget FYE</b>	<b>FY 24-25 Q1 Projected FYE</b>
Sinking Funds <sup>1</sup>	\$29,170,000	\$26,933,000
Debt Service Rate Stabilization Reserve	2,300,000	2,300,000
Designated for Capital Projects Reserve <sup>2</sup>	29,252,000	31,815,000
Pension Trust Fund	19,000	19,000
<b>Total Reserves</b>	<b>\$60,741,000</b>	<b>\$61,067,000</b>

<sup>1</sup>Reserve established by the Board to fund SBA debt service payments that continue after service is built-out.

<sup>2</sup>Reserve designated for capital projects to fund expansion CIP projects the Agency has committed to over the next ten years.

Below is a summary of the Agency's major projects in progress or recently completed.

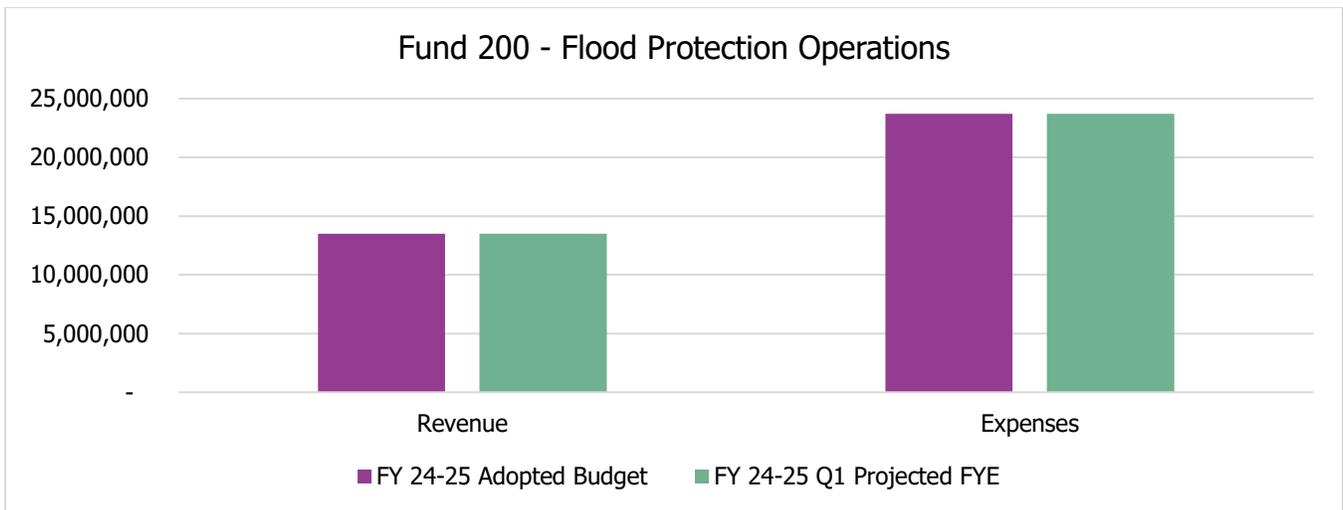
<b>Project</b>	<b>Total Cost</b>	<b>Fund 130 Share</b>	<b>Status</b>	<b>In-service</b>
Asset Management Program and Ten-Year CIP Update	\$1.15M	\$250K	In-process	February 2025
Non-discretionary obligations	~\$20M annually	~\$20M	n/a	ongoing

## Fund 200 – Flood Protection Operations

*Primary Funding Source: Property Taxes. Ad valorem property taxes equal to one percent (1%) of the full cash value, of which Zone 7 of the Alameda County Flood and Water Conservation District receives a proportionate share.*

This fund uses property taxes to provide general administration, maintenance, and operation of regional flood protection facilities. The Agency manages a watershed of 425 square miles in eastern Alameda County, receiving drainage from parts of Contra Costa, Santa Clara, and San Joaquin Counties. More than 37 miles of flood control channels and regional drainage facilities are owned and maintained by the Agency. This fund finances a comprehensive year-round maintenance program that includes repairing slides and erosion, refurbishing access roads and associated drainage ditches, installing and repairing gates and fences, and maintaining landscaped areas. This fund pays for renewal/replacement and improvement projects for the existing flood protection system.

The following graph shows FY 2024-25 Adopted Budget and Q1 projected fiscal year-end revenue and expenditures.



### Details of Revenue and Expenses for Fund 200

Fund 200 - Flood Protection Operations	FY 24-25 Adopted Budget	FY 24-25 Q1 YTD Actual	FY 24-25 Q1 Projected FYE	Year-End Over/(Under) Budget
<b>Unaudited Beg. Fund Balance</b>	<b>\$27,730,000</b>	<b>\$27,790,000</b>	<b>\$27,790,000</b>	<b>\$60,000</b>
Estimated Carryover from Multi-year Projects	3,900,000		3,900,000	-
<b>Adjusted Beg. Fund Balance</b>	<b>\$23,830,000</b>	<b>\$27,790,000</b>	<b>\$23,890,000</b>	<b>\$60,000</b>
<b>Revenue</b>				
Property Taxes <sup>1</sup>	12,573,000	522,427	12,573,000	-
Investment Earnings <sup>2</sup>	595,000	56,688	595,000	-
Grants	94,000	-	94,000	-
Other Revenue	236,000	8,863	236,000	-
<b>Total Revenue</b>	<b>13,498,000</b>	<b>\$587,977</b>	<b>13,498,000</b>	<b>-</b>
<b>Expenses</b>				
Labor <sup>3</sup>	3,133,000	596,933	3,133,000	-
Professional Services	3,374,000	505,001	3,374,000	-
Repairs and Maintenance <sup>4</sup>	16,199,000	594,827	16,199,000	-
Rental Services	88,000	282	88,000	-
Other Services/Supplies	914,000	93,424	914,000	-
<b>Total Expenses</b>	<b>23,708,000</b>	<b>1,790,468</b>	<b>23,708,000</b>	<b>-</b>
Estimated Revenue over Expenses	(10,210,000)	(1,202,491)	(10,210,000)	-
<b>Ending Fund Balance</b>	<b>\$13,620,000</b>	<b>\$26,587,509</b>	<b>\$13,680,000</b>	<b>\$60,000</b>

Note: Projected values are rounded to the thousands.

### Revenue

The primary source of revenue for this fund is property taxes.

- 1. Property Tax:** The YTD actual is comprised of revenue received through unsecured property taxes. The Agency has not received the first installment of property tax, which is typical for the first quarter. The first property tax installment will be received in December and will be reflected in the second quarter revenue and expenditure report. The revenue

projection is based on the budget as there is neither additional information nor significant trends available to change the fiscal year-end revenue projection at this time.

**2. Investment Earnings:** Year-end investment earnings projection reflects budget.

**Expenses**

**3. Labor:** Includes this fund’s share of payroll through September 30, 2024.

**4. Repairs and Maintenance:** Includes routine flood engineering repair services and additional flood emergency projects. The year-end projection is unchanged from budget as there is neither additional information nor trends available to change the projection.

**Reserves**

The table below compares the FY 2024-25 Adopted Budget ending reserve balance to the Q1 projected ending reserve balance.

<b>Fund 200 Reserves</b>	<b>FY 24-25 Adopted Budget</b>	<b>FY 24-25 Q1 Projected FYE</b>
Operating Reserves	\$11,854,000	\$11,854,000
Designated for Capital Projects Reserve	1,560,000	1,644,000
Section 115 Pension Trust	206,000	182,000
<b>Total Reserves</b>	<b>\$13,620,000</b>	<b>\$13,680,000</b>

The Agency is in the process of developing and implementing a Flood Management Plan to direct the Agency’s future flood maintenance activities and capital projects. Per Resolution No. 22-73, dated August 17, 2022, the Board adopted the Flood Management Plan Phase 1. Flood Management Plan Phase 2A professional and project management services were approved at the February 15, 2023, Board meeting.

The following table lists major projects that are in progress or recently completed.

<b>Project</b>	<b>Total Cost</b>	<b>Fund 200 Share</b>	<b>Status</b>	<b>In-service</b>
Alamo Creek Bank Stabilization Pilot Project <sup>1</sup>	\$6.1M	\$1.5M	Design	Winter 2025
Phase 1 2022-23 Storm Damage Repairs	\$2.4M	\$2.4M	In-process	Fall 2025
2023 Storm Damage Repairs – Phase 1	\$8.1M	\$8.1M	Design	Winter 2025

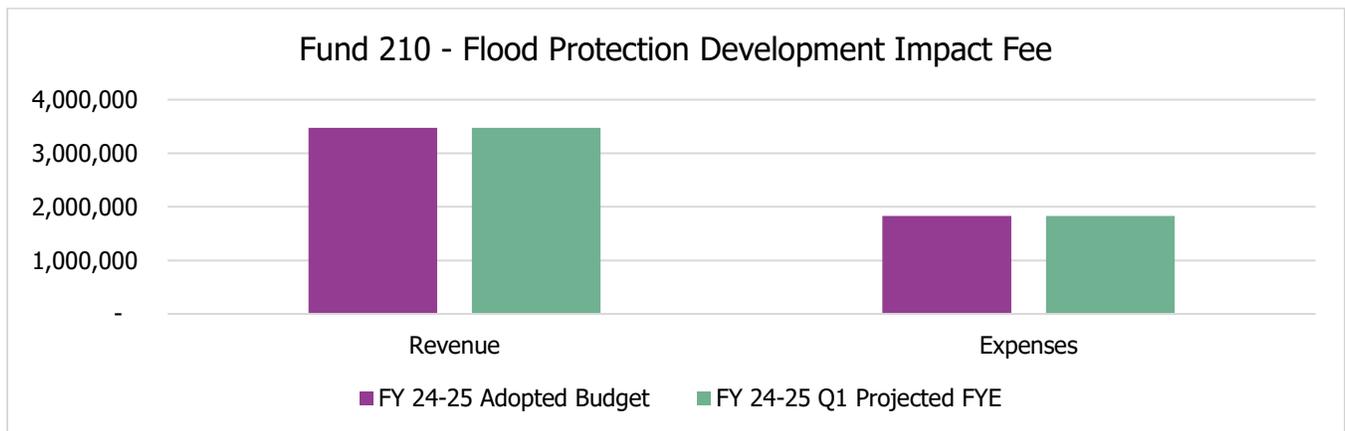
<sup>1</sup>DWR has awarded up to \$4.6M in grants through the Floodplain Management, Protection, and Risk Awareness (FMPRA) Grant program.

## Fund 210 – Flood Protection Development Impact Fee Fund

Primary Funding Source: Development Impact Fees.

The purpose of this fund is to ensure the Agency can meet future needs for expansion-related flood control facilities. The program is primarily intended to provide funding for any flood control facilities required for new development. Funds are expended on the planning, design, lands and right of way acquisition, environmental review, permitting, and construction for drainage projects.

The following graph shows the FY 2024-25 Adopted Budget and Q1 projected fiscal year-end revenue and expenditures.



### Details of Revenue and Expenses for Fund 210

Fund 210 - Flood Protection DIF Fund	FY 24-25 Adopted Budget	FY 24-25 Q1 YTD Actual	FY 24-25 Q1 Projected FYE	Year-End Over/(Under) Budget
<b>Unaudited Beg. Fund Balance</b>	<b>\$78,092,000</b>	<b>\$79,883,000</b>	<b>\$79,883,000</b>	<b>\$1,791,000</b>
Estimated Carryover from Multi-year Projects	-	-	-	-
<b>Adjusted Beg. Fund Balance</b>	<b>\$78,092,000</b>	<b>\$79,883,000</b>	<b>\$79,883,000</b>	<b>\$1,791,000</b>
<b>Revenue</b>				
Development Fees <sup>1</sup>	1,500,000	1,375	1,500,000	-
Investment Earnings <sup>2</sup>	1,952,000	140,088	1,952,000	-
Other Revenue	25,000	-	25,000	-
<b>Total Revenue</b>	<b>3,477,000</b>	<b>141,463</b>	<b>3,477,000</b>	<b>-</b>
<b>Expenses</b>				
Labor <sup>3</sup>	147,000	9,219	147,000	-
Capital Projects <sup>4</sup>	1,683,000	30,747	1,683,000	-
<b>Total Expenses</b>	<b>\$1,830,000</b>	<b>39,966</b>	<b>\$1,830,000</b>	<b>-</b>
Revenue over Expenses	1,647,000	101,497	1,647,000	-
<b>Estimated Ending Fund Balance</b>	<b>\$79,739,000</b>	<b>\$79,984,497</b>	<b>\$81,530,000</b>	<b>\$1,791,000</b>

Note: Values are rounded to the thousands.

## Revenue

- 1. Development Impact Fees:** Revenue is primarily generated from development impact fees and interest earnings. There is neither additional information nor trends available to change the projection.
- 2. Investment Earnings:** Year-end investment earnings projection reflects budget.

## Expenses

- 3. Labor:** Includes staff labor through September 30, 2024. Projection is based on budget. There is neither additional information nor trends available to change the projection.
- 4. Capital Projects:** Includes professional services and projects planned in the FY 2024-25 budget.

## Reserves

The following table and chart compare the FY 2024-25 Adopted Budget ending reserve balance to the Q1 projected ending reserve balance.

<b>Fund 210 Reserves</b>	<b>FY 24-25 Adopted Budget FYE</b>	<b>FY 24-25 Q1 Projected FYE</b>
Capital Projects Reserve	\$79,739,000	\$81,530,000
Total Reserves	\$79,739,000	\$81,530,000

The Agency is in the process of developing and implementing a Flood Management Plan to direct the Agency's future flood maintenance activities and capital projects. Per Resolution No. 22-73, dated August 17, 2022, the Board adopted the Flood Management Plan Phase 1. Flood Management Plan Phase 2A professional and project management services were approved at the Board meeting on February 15, 2023.