

NOTICE OF REGULAR MEETING OF BOARD OF DIRECTORS

DATE: Wednesday, August 20, 2025
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
LIVE STREAMING: Comcast Channel 29
AT&T U-Verse Channel 99 (Livermore)
Streaming Live at tv29live.org

THERE IS NO HYBRID OPTION AVAILABLE FOR THIS MEETING.

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 by 3:00 p.m. on Tuesday, August 19th.

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 Legal Counsel - Real Property Negotiation (Government Code § 54956.8). Property: Alameda County APN 946-1350-4. Agency Negotiators: Valerie Pryor and Rebecca Smith. Negotiating Parties: Zone 7 Water Agency and Old Devil, LLC. Under Negotiation: Price and terms of payment
 - b. Conference with Labor Negotiators pursuant to Government Code § 54954.5: Agency Negotiators: Valerie Pryor/Osborn Solitei/Shelisa Jackson. 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
 - c. Conference with Legal Counsel – Existing litigation pursuant to Gov’t Code § 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 § 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. Regular Board Meeting Minutes of July 16, 2025
8. Consent Calendar
 - a. Award a Construction Contract for 2023 Storm Damage Repairs – Phase 1
 - b. Government Finance Officers Association Certificate of Achievement for Excellence in Financial Reporting
 - c. Appointment of Association of California Water Agencies Joint Powers Insurance Authority (ACWA/JPIA) Board Representative and Alternate Board Representative
 - d. Authorize Annual One-Year Contracts with Civicorps Schools for Flood Maintenance
 - e. Amend a Contract for HVAC Preventative Maintenance and As-Needed Repair Services
 - f. Approve Variance to Minimum Lot Size for Residential Septic System at 6615 Alisal Street, (APN 0949-0007-013-06), Case #25-002
 - g. Authorize Application to the Federal Emergency Management Agency's Hazard Mitigation Grant Program

Recommended Action: Adopt Resolutions

9. Water Conservation Program Update

Recommended Action: Presentation Only

10. Flood Management Plan – Flood Risk Reduction Project Objectives and Evaluation Criteria

Recommended Action: Presentation Only

11. Proposed Update to the Board Policy on Conducting Business

Recommended Action: Adopt Resolution

12. Committees

- a. Finance Committee Meeting Notes of July 9, 2025

13. Reports – Directors

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

14. Items for Future Agenda – Directors

15. Staff Reports

- a. General Manager's Report
 - b. July Outreach Activities
 - c. Monthly Water Inventory and Water Budget Update
 - d. Capital Projects Status Report
 - e. Living Arroyos Program Update
 - f. FY 2024–25 Progress Update on the 2025–2029 Strategic Plan

- g. AB1600 Annual Report and Five-Year Report for Development Impact Fees: Annual Report for Fiscal Year Ended June 30, 2024, and Five-Year Report for FY 2019-20 through FY 2023-24

16. Adjournment

17. Upcoming Board Schedule: (All meeting locations are in the Boardroom at 100 N. Canyons Pkwy., Livermore, unless otherwise noted.)
- a. Water Resources Committee Meeting: August 26, 2025, 3:00 p.m.
 - b. Finance Committee Meeting: August 27, 2025, 3:00 p.m.
 - c. Finance Committee Meeting: September 10, 2025, 3:00 p.m.
 - d. Regular Board Meeting: September 17, 2025, 7:00 p.m.

MINUTES OF THE BOARD OF DIRECTORS
ZONE 7

ALAMEDA COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT

REGULAR MEETING

July 16, 2025

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
Jon Nicolaus, Maintenance Manager
Lillian Xie, Associate Civil Engineer
Donna Fabian, Executive Assistant

General Counsel: Rebecca Smith, Downey Brand

Item 1 – Call Zone 7 Water Agency Meeting to Order

The Zone 7 Water Agency meeting was called to order by President Gambs at 7:06 p.m.

Item 2 – Closed Session

The Board entered Closed Session at 6:21 p.m. and the Board adjourned at 6:53 p.m.

Item 3 – Open Session and Report Out of Closed Session

There were no actions to report out of Closed Session.

Item 4 – Pledge of Allegiance

President Gambs led the Pledge of Allegiance.

Item 5 – Roll Call of Directors

All Board members were present.

Item 6 – Reorganization of the Board

President Gambs expressed his gratitude to the Board for the opportunity to serve as President, noting it was an honor and a role he truly enjoyed. He remarked that stepping into a new position is always a learning experience and that serving as President provided him a deeper understanding of Zone 7 and the responsibilities of the role. He also thanked Director Narum for her support in helping him stay on track with agenda items.

Director Palmer thanked President Gambs for his service over the past year and commended him for doing a fine job.

Director Benson also thanked President Gambs, stating it was an honor and privilege to serve alongside him as Vice President. She shared that both of them learned a great deal about the District and that the past year served to unify the Board. She expressed appreciation for his leadership and shared her hope for continued collaboration and strengthened relationships among Board members moving forward.

Director Benson nominated Director Narum to serve as President for the upcoming year. Director Palmer seconded the nomination. The motion passed unanimously with a 7-0 roll call vote.

Director Narum thanked the Board for the opportunity and expressed her commitment to advancing Zone 7's objectives related to clean, reliable water and flood control. She also thanked former President Gambs for his leadership and willingness to learn and guide the Board during his term. Director Narum acknowledged that while Vice President Benson would have traditionally moved into the President role, her current work constraints made that difficult. She proposed nominating Director Benson to remain as Vice President for one more year, with the possibility of assuming the presidency the following term. Director Palmer confirmed this as a motion, which she then seconded.

Director Benson expressed her appreciation for the opportunity to continue as Vice President, noting her desire to support the President and Agency through the many initiatives planned for the coming year. Director Green also expressed interest in serving as Vice President, citing her six years on the Board and her enthusiasm for taking on the role. She also thanked former President Gambs for his service.

Director Benson was reappointed as Vice President by a roll call vote of 5-2 with Directors Figuers and Green dissenting.

Director Palmer took a moment to acknowledge Director Green's contributions, especially her dedication to PFAS-related issues and her consistent engagement with the Pleasanton City Council. Director Green responded by affirming her advocacy for PFAS matters and thanked Director Palmer.

Item 7 – Public Comment

Public comment was received by Laura Glorin.

Item 8 – Minutes

Director Palmer moved to approve the minutes of the regular Board meeting held on June 18, 2025. The motion was seconded by Director Benson and approved by a roll call vote of 7–0.

Item 9 – Consent Calendar

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

Item 10 – Amend the Contract for Computerized Maintenance Management System Implementation Services

Valerie Pryor, General Manager, introduced the item, thanking the Board for its ongoing support of the implementation of the new Computerized Maintenance Management System (CMMS). With the system scheduled to go live in early August, she explained that additional work is needed, and this amendment presents an opportunity to update the Board on the project's progress. Jon Nicolaus, Maintenance Manager, then presented an overview of the CMMS implementation.

Mr. Nicolaus explained that the CMMS project is a key part of achieving Strategic Goal F: effective operations through proactive maintenance. The existing system, Tabware, is outdated and no longer meets Zone 7's asset management needs. The new system KloudGin will enhance preventive maintenance compliance, increase asset availability, and extend the useful life of assets. The system tracks maintenance activities, schedules preventive maintenance, manages spare parts, assigns mobile work orders, and supports regulatory compliance. It also centralizes critical documentation, such as O&M manuals and design drawings, and supports data on asset reliability.

He explained the concept of Reliability-Centered Maintenance (RCM), a data-driven approach that prioritizes resources on the most critical equipment to improve reliability and reduce failures. Mr. Nicolaus described the competitive process that led to the selection of Kennedy Jenks, who conducted a needs assessment, supported vendor selection, and has led the configuration and implementation of the system. KloudGin was selected and configured to meet Zone 7's operational needs, and the project is nearing its go-live milestone. End-user training was scheduled for late July, with full implementation planned for August 4, 2025.

The contract amendment is needed to complete the preventive maintenance programming for critical facilities such as the ozone system at Patterson Pass, PFAS treatment sites, pump stations, and well fields, many of which currently lack preventive maintenance plans. The amendment also includes the organization and linking of asset documents and continued technical support until a CMMS analyst is hired in-house.

Mr. Nicolaus acknowledged the efforts of the implementation team and additional staff contributors. Directors Gambs, Palmer, and Narum asked questions about well coverage, HVAC systems, contract costs, and the resolution language. Mr. Nicolaus confirmed that wells and well fields would be fully integrated into the CMMS, with configured preventive maintenance schedules, which could help prevent failures experienced in recent years. HVAC systems maintained by outside contractors will also be tracked within the CMMS, though the maintenance itself is external. Mr. Nicolaus stated this amendment represents the final major contract cost, with the system being fully handed over to Zone 7 staff, including defined workflows and preventive maintenance schedules.

Director Palmer pointed out a typographical issue in the resolution language regarding the phrase "in an amount not of." Staff confirmed that it should read "in an amount of." Director Benson expressed strong support for the program, emphasizing its value in improving efficiency, eliminating reliance on spreadsheets and paper tracking, and supporting proactive asset management.

Director Green made a motion to approve the resolution with the recommendation to correct the typographical error. Director Figuers seconded the motion. The resolution was approved unanimously by a 7-0 roll call vote.

Item 11 – Sites Reservoir Project Workshop #1

Valerie Pryor introduced the first of several planned workshops on the Sites Reservoir Project. She explained that the project, long in the planning and permitting phase, is moving steadily toward full permitting by the end of 2025. A final decision on long-term participation by Zone 7 is anticipated in the first half of 2026. This workshop provided an overview of the project, the reasons for Zone 7's involvement, and next steps. Future workshops will be scheduled as more details become available, including permit terms, financial modeling, and final contract language.

Lillian Xie, Associate Civil Engineer, presented the Sites Reservoir Project Workshop #1. She explained the project aligns with Strategic Plan Goal B, reliable water supply and infrastructure, and Initiative 5, which is focused on developing a diversified water supply plan. She emphasized that roughly 90% of Zone 7's water supply comes from the State Water Project (SWP), which has been declining in reliability due to climate change, sea level rise, and aging infrastructure. Zone 7's 2022 Water Supply Evaluation Update found that the Agency would face major shortages in critically dry years if no new projects are added. Modeling showed that a portfolio including Sites and two other projects would reduce projected shortages from 76% down to just 10%.

The Sites Reservoir would provide both storage and water supply benefits. It is an off-stream reservoir located 75 miles northwest of Sacramento and would divert water from the Sacramento River during high-flow periods. Because it is off-stream, it has less environmental impact on natural river systems. The reservoir is currently fully subscribed, with a growing waitlist of interested agencies. It is expected to become operational by 2032.

Ms. Xie provided historical context, noting that studies supporting Sites date back to the 1950s and culminated in the formation of the Sites JPA in 2010. Since then, the project has secured \$875 million in Prop 1 funding, a \$449 million USDA loan, and recently received an additional \$134 million in federal funding. CEQA review was completed in 2023, and the project reached 30% design in 2024. A water right permit is expected from the State Water Board by the end of 2025, which is essential for project viability.

Ms. Xie also explained how the project operates: participants receive shares of storage and can choose how to use their water, whether to hold, use, sell, or lease it. The diversion window runs from September to mid-June, with deliveries possible from July through November using the South Bay Aqueduct. Modeling showed that if the project had been operational in 2024–2025, it could have captured 1.4 million acre-feet, 95% of its storage capacity, enough to serve about 3 million households for a year.

The project offers multi-benefit returns, including municipal, industrial, and agricultural supply, plus flood, environmental, and recreation benefits. Its design makes it a strong fit for climate change adaptation, as it captures rainfall during storm events rather than relying on diminishing snowpack. The estimated construction cost is between \$6.2 and \$6.8 billion, though refined estimates will be provided before investment decisions are made. State and federal contributions are expected to cover 12% and up to 16% respectively, with the remaining 72% coming from local participants. Zone 7's current share of capacity in the project is 4.4%, equating to about 62,340 acre-feet of storage and 10,000 acre-feet per year of average yield before losses.

Ms. Xie reviewed the upcoming "investor commitment period," a six-month window during which the key financial and legal terms will be finalized. Zone 7 is preparing for this decision point with its own planning studies, including the 2025 Urban Water Management Plan, M&I Water Connection Fee Study, and 10-Year Capital Improvement Plan.

Director Green inquired about the timing of the updated cost estimate and geological studies. Ms. Xie confirmed the cost update would come later in 2025 and explained that land access limitations have delayed further geotechnical investigation. Chris Hentz, Assistant General Manager – Engineering, elaborated that seismic assessments and further design work are planned once access is secured and emphasized that the Division of Safety of Dams has stringent requirements the project must meet.

Director Gambs asked if it would be possible in the future to store non-Sites water, such as excess SWP supply. Ms. Xie responded that currently only Sites water can be stored, but future flexibility could be explored. He also expressed strong support for the project, calling it a valuable complement to the State Water Project, particularly in dry years.

Director Brown asked whether participant commitments were final. Ms. Xie explained that all participants are currently in the same stage, preparing for final investment decisions in mid-2026.

Director Benson expressed approval of the project for securing additional water supply and meeting the reliable supply for the customers.

President Narum asked about the implications of not receiving the water right. Ms. Pryor confirmed that the project would not proceed without it but expressed confidence in securing the water right. President Narum also inquired about Zone 7's role in the project's governance. Ms. Pryor described Zone 7's involvement on the Sites JPA Reservoir Committee and other workgroups, with multiple staff, including herself, Lillian Xie, Chris Hentz, Osborn Solitei, and Lizzie Foss, regularly participating in meetings.

Director Figuers raised concerns about evaporation and potential seepage in such a large reservoir. Director Gambs emphasized that Sites is well aligned with Zone 7's goals and offers strategic use of existing State Water Project infrastructure. President Narum concluded the item by stating her confidence in the project and appreciation for staff's continued involvement. This item was informational only so no action was taken.

Item 12 – Reports - Directors

President Narum thanked the Board for the honor of serving as President and requested that each Director submit their top three committee preferences to Donna Fabian, Board Secretary, within the next few days. She noted that while changes may not be necessary, she would do her best to accommodate everyone's preferences.

Director Palmer submitted a written report and verbally highlighted several updates. She reported that the Delta Conveyance Design and Construction Authority (DCA) met on June 18, and she included a link in her written report for Board members to view updates on project funding and reliability. She noted that new video content and fact sheets are now available on the DCA website (dcdca.org). Additionally, she shared that ACWA has finalized its job description for the Executive Director position. Director Palmer stated that she has been recommended to serve as Chair of ACWA Region 5 on the upcoming slate, with ballots scheduled to go out and voting concluding on September 26. She also reported on the recent joint meeting of Alameda County and Contra Costa County Special Districts, which was held at DSRSD. The East Bay Economic Development Alliance gave a presentation highlighting the economic strength of the East Bay, noting it contributes approximately \$300 billion and ranks as the 52nd largest global economy. Slides from the presentation are available for review, and the next special districts meeting will be held on September 10.

Director Green reported that she recently participated in a tour of the Delta Conveyance Project, which she described as highly informative and impactful. She was especially impressed by the fish-friendly screen designs. While she considered submitting additional comments for the minutes, she felt Director Palmer's report was comprehensive. She offered to share videos from the tour with anyone interested.

Director Gambs echoed the value of the tour, noting that seeing the project in person provided a much better sense of its scale than reviewing documents alone.

Director Benson also commented on the joint special districts meeting and praised the East Bay Economic Development Alliance's presentation. She encouraged the Board to review the

slides, emphasizing the economic initiatives underway that could impact local water use, infrastructure projects, and overall business growth in the region.

Item 13 – Items for Future Agenda – Directors

No items were requested for consideration at an upcoming Board meeting.

Item 14 – Staff Reports

Valerie Pryor provided brief highlights from the written staff reports included in the agenda packet. She noted that Item 14a, the Monthly General Manager's Report, includes the release of Zone 7's annual Consumer Confidence Report (formerly known as the Water Quality Report). The report is available on the Agency's website, was shared via email, and featured in the Agency's newsletter. It shows that Zone 7's water quality significantly exceeded regulatory standards.

Ms. Pryor also announced that the Agency received the Government Finance Officers Association Certificate of Achievement for Excellence in Financial Reporting for its FY 2023–24 Annual Comprehensive Financial Report. This marks the ninth consecutive year Zone 7 has received the honor, and she extended appreciation to Osborn Solitei and his team for their continued excellence.

Lastly, she called attention to Item 14e, the Annual Water Supply Operations Plan Update, noting that while the report is sometimes presented in meetings, especially during challenging water years, this year's report was provided in written form, as Zone 7 is currently experiencing a strong water year. She reported that the Agency is able to meet current demands and is storing water for future use.

Item 15 – Adjournment

President Narum adjourned the meeting at 8:24 p.m.

ORIGINATING SECTION: Flood Protection Engineering

CONTACT: Adolfo Perez/Edward Reyes

AGENDA DATE: August 20, 2025

SUBJECT: Award a Construction Contract for 2023 Storm Damage Repair - Phase 1

SUMMARY:

- To support Zone 7's mission to deliver safe, reliable, efficient, and sustainable flood protection services, Zone 7 implements projects to repair damages to its flood protection system. This action is in support of Strategic Plan Initiative 13 – Continue to repair and maintain the flood protection facilities.
- In January and March 2023, storms caused significant damage to Zone 7's flood protection facilities, resulting in the Board declaring a Local State of Flood Emergency for the two storms. Staff identified storm-related channel bank damages at 177 sites within flood protection facilities owned by Zone 7.
- The 2023 Storm Damage Repair - Phase 1 project (Project) will repair 50 storm damage sites in Dublin and Pleasanton (see attached map) to restore channel stability. Consistent with environmental permits, repairs will use rock rip-rap, vegetated soil fabric layers, log crib walls, geogrid, and native plantings to improve channel slope stability.
- The total project cost is approximately \$23.8 million and construction may start in September 2025, pending environmental permits, and finish by fall 2027. If permits are delayed, construction will begin in spring 2026. Staff is coordinating with FEMA and California Governor's Office of Emergency Services (Cal OES) for financial assistance and anticipates receiving approximately \$3.6 million.
- The Project is exempt from the California Environmental Quality Act (CEQA) pursuant to Section 15269 of the CEQA Guidelines, as the Project involves emergency repairs to publicly owned facilities necessary to maintain service and protect public health and safety following a declared emergency.
- Consistent with Zone 7's procurement policy, the Project was advertised to solicit bids for construction. On June 17, 2025, four bids were received, ranging from \$19,760,000 to \$31,787,700.
- Staff reviewed the bid submitted by the apparent low bidder, Con-Quest Contractors, Inc., and determined the bid to be non-responsive, as outlined in the Discussion below. Staff reviewed the second low bid by Teichert Construction, with a bid amount of \$22,403,079, and determined the bidder to be responsive and responsible.

- Staff recommends that the Board:
 - Approve the plans, specifications, and addenda for the 2023 Strom Damage Repair, Phase 1 Project;
 - Adopt the finding that the bid submitted by Con-Quest Contractors, Inc., is non-responsive;
 - Authorize the General Manager to execute a construction contract with Teichert Construction in an amount not-to-exceed \$22,403,079; and,
 - Execute change orders, as needed, in an amount not-to-exceed \$2,240,308 (10% of the construction contract amount).

FUNDING:

Funding is included in the Adopted Two-Year Budget for Fiscal Years 2024–2026 for Fund 200 – Flood Protection Operations. Funding in future years will be requested in subsequent budget requests.

RECOMMENDED ACTION: Adopt the attached Resolution.

DISCUSSION:

In accordance with the California Public Contract Code, Zone 7 advertised and solicited bids for the project construction. On June 17, 2025, the following four bids were received:

<u>Name of Firm and Location</u>	<u>Total Bid Amount</u>
Con-Quest Contractors, Inc., San Francisco, CA	\$19,760,000
Teichert Construction, Pleasanton, CA	\$22,403,079
Suulutaaq, Inc., Suisun City, CA	\$24,127,000
Hanford ARC, Petaluma, CA	\$31,787,700

Staff reviewed the bid package submitted by the apparent low bidder, Con-Quest Contractors, Inc., and determined the bid to be non-responsive due to the bidder not substantially meeting the minimum qualification requirements specified in Document 00450 (Statement of Qualifications for Construction Work). Contractors were required to submit reference projects that demonstrate experience consistent with the key bank repair construction techniques for the Project, specifically in-stream restoration construction, and particularly in-stream boulder or log structures and vegetated soil lifts for channel stabilization. The reference projects submitted in the bid by Con-Quest Contractors, Inc., did not substantially demonstrate the required experience, resulting in the bid being deemed non-responsive.

Staff reviewed the second low bid by Teichert Construction which included references that substantially demonstrated the required experience. Staff determined that Teichert is the lowest responsive and responsible bidder.

ATTACHMENTS:

1. Resolution
2. Location Map

ZONE 7
ALAMEDA COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT

BOARD OF DIRECTORS

RESOLUTION NO. 25-

INTRODUCED BY DIRECTOR
SECONDED BY DIRECTOR

Award a Construction Contract for 2023 Storm Damage Repairs - Phase 1

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

WHEREAS, this action is in support of Strategic Plan Initiative 13 – Continue to repair and maintain the Flood Protection facilities; and

WHEREAS, the 2023 Storm Damage Repairs - Phase 1 project will repair 50 storm damage sites in Dublin and Pleasanton to restore channel stability and performance of the flood protection system; and

WHEREAS, the project is exempt from the California Environmental Quality Act (CEQA) pursuant to Section 15269 of the CEQA Guidelines, as it involves emergency repairs to publicly owned facilities necessary to maintain service and protect public health and safety following a declared emergency; and

WHEREAS, the Project plans, specifications, and addenda were developed and advertised for bidding in accordance with the California Public Contract Code; and

WHEREAS, four bids were received and publicly read by the Zone 7 General Manager's authorized representative at the Zone 7 Administration Office, 100 North Canyons Parkway, Livermore, California, at 2:00 p.m. on June 17, 2025; and

WHEREAS, the apparent low bid received for the Project was by Con-Quest Contractors, Inc., with a bid amount of \$19,760,000; and

WHEREAS, the apparent low bid was evaluated by staff and determined to be non-responsive due to the bidder's failure to meet the minimum qualification requirements set forth in the bid documents; and

WHEREAS, the second low bid received for the Project was by Teichert Construction, with a bid amount of \$22,403,079; and

WHEREAS, Teichert Construction's bid was reviewed and deemed the lowest responsive and responsible bid for the Project.

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 plans, specifications, and addenda for the 2023 Strom Damage Repair, Phase 1 Project; and

BE IT FURTHER RESOLVED that the Board of Directors at Zone 7 of the Alameda County Flood Control and Water Conservation District does hereby adopt the finding that the bid submitted by Con-Quest Contractors, Inc., has been determined as non-responsive; and

BE IT FURTHER RESOLVED that the Board of Directors at Zone 7 of the Alameda County Flood Control and Water Conservation District accept the bid of the lowest responsive and responsible bidder, Teichert Construction, and authorize the General Manager to execute a construction contract with Teichert Construction in an amount not-to-exceed \$22,403,079; and

BE IT FURTHER 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 and execute change orders as and when needed in a total amount not-to-exceed \$2,240,308.

ADOPTED BY THE FOLLOWING VOTE:

AYES:

NOES:

ABSENT:

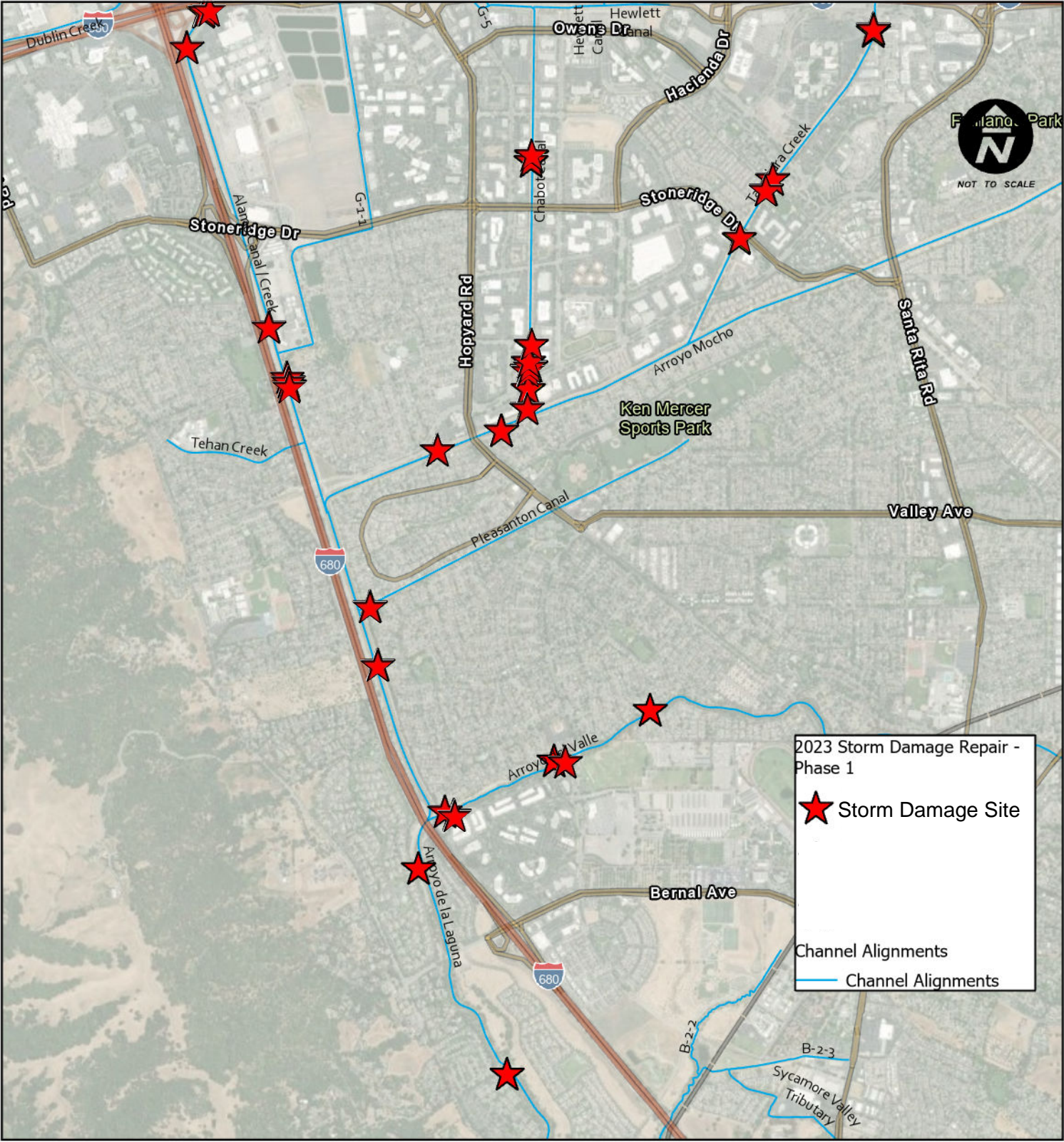
ABSTAIN:

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 August 20, 2025.


By: _____
President, Board of Directors



Dublin



Pleasanton

	ZONE 7 WATER AGENCY 100 North Canyons Parkway Livermore, CA	Dublin and Pleasanton, CA	2023 Storm Damage Repairs - Phase 1 Location Map Zone 7 Flood Protection Engineering	Scale: Not to Scale
				Date: 06/2025

ORIGINATING SECTION: Administrative Services
CONTACT: Osborn Solitei

AGENDA DATE: August 20, 2025

SUBJECT: Government Finance Officers Association Certificate of Achievement for Excellence in Financial Reporting

SUMMARY:

The Certificate of Achievement for Excellence in Financial Reporting has been awarded to Zone 7 by the Government Finance Officers Association of the United States and Canada (GFOA) for its annual comprehensive financial report ("Annual Report"). This is the ninth year in a row the Agency has received this esteemed recognition. The Certificate of Achievement is the highest form of recognition in the area of governmental accounting and financial reporting, and its attainment represents a significant accomplishment by a government and its management.

This award represents a significant achievement as it reflects the commitment of Zone 7's Board and Staff for using the highest principles of governmental accounting and financial reporting. It also recognizes the Agency's commitment to public transparency and accountability. It supports Strategic Plan Goal H – Fiscal Responsibility: Operate the Agency in a fiscally responsible manner, and Strategic Plan Initiative No. 21 – Continue to effectively manage financial resources for the Agency by conducting annual audits which demonstrates good stewardship of public funds. In order to receive the award, the Agency had to satisfy nationally recognized guidelines for presentation of the Agency's financial statement.

The preparation of this Annual Report represents the culmination of a concerted team effort by the entire staff of the Finance and Accounting departments, Office of the General Manager, and other departmental staff, who have demonstrated their professionalism, dedication, efficiency, and transparency in the preparation of this report. We also thank the Agency's auditors, the Pun Group, for their assistance and guidance. Finally, we wish to express our sincere appreciation to the Board of Directors for providing policy direction and a firm foundation of support for pursuit of excellence in all realms of professional endeavors.

BACKGROUND AND DISCUSSION:

Upon the completion of the audit of the financial statements and preparation of the Annual Report, the Agency's Accounting Section submitted the Agency's Annual Report to GFOA in an effort to earn the Certificate of Achievement for Excellence in Financial Reporting. Management's goal in preparing the Annual Report is that it meets the high standards of the GFOA's prestigious award program as demonstrated by the award.

The Annual Report has been judged by an impartial panel to meet the high standards of the GFOA's award program, which includes demonstrating a constructive "spirit of full disclosure" to clearly communicate its financial story and motivate potential user groups or stakeholders to read the Annual Report to become more informed about the overall financial health of the Agency. This is a significant milestone in increasing the Agency's transparency to the public.

I would like to recognize the team that completed fiscal year 2023-24 Annual Report. On behalf of Management, I would like to extend my appreciation for their continued hard work and effort as well as their achievement of the distinguished award.

FUNDING:

N/A

RECOMMENDED ACTION:

Information only.

ATTACHMENT:

GFOA Certificate of Achievement



Government Finance Officers Association

Certificate of
Achievement
for Excellence
in Financial
Reporting

Presented to

**Alameda County Flood Control & Water
Conservation District - Zone 7 Water Agency
California**

For its Annual Comprehensive
Financial Report
For the Fiscal Year Ended

June 30, 2024

Christopher P. Morill

Executive Director/CEO

ORIGINATING SECTION: Administrative Services
CONTACT: Osborn Solitei

AGENDA DATE: August 20, 2025

SUBJECT: Appointment of Association of California Water Agencies Joint Powers Insurance Authority (ACWA/JPIA) Board Representative and Alternate Board Representative

- Pursuant to Resolution No. 19-30 dated April 17, 2019, the Zone 7 Board of Directors consented to join the property, liability, and excess crime insurance program of the Association of California Water Agencies/Joint Powers Insurance Authority (ACWA/JPIA).
- As a member of ACWA/JPIA, the Agency becomes a Member of the ACWA/JPIA Board of Directors and is required to appoint a Director and an Alternate Director to the ACWA/JPIA Board.
- The appointment of a Board Member and an Alternate Board Member to ACWA/JPIA will provide the Agency a vote in the governing of ACWA/JPIA which since its formation has provided for and administered joint protection programs for its members and it also meets the Agency Strategic Plan, Goal F – Effective Operations, provide the Agency with effective leadership, administration, and governance and Initiative No. 21 – Continue to effectively manage financial resources.
- Pursuant to Resolution No. 24-64 dated August 21, 2024, the Board appointed Director Gambs as a Board Member and Director Green as an Alternate Board Member to the Association of California Water Agencies/Joint Powers Insurance Authority (ACWA/JPIA) for a twelve-month period and subsequently the Board President determines Committees.
- The ACWA/ JPIA requires Directors and Alternates to be appointed by formal action. Zone 7 practice is for the Board President to make Board Committees appointments, staff recommends the Board confirm the President’s appointments by resolution.
- Each Director or alternate of the Board shall serve until a successor is appointed. Each Director or alternate shall serve at the pleasure of the Member by which he or she has been appointed. Each Director representing a Member, or his or her alternate, shall have one vote.
- The ACWA/JPIA Board typically meets twice per year during the same week as the ACWA Conference.

FUNDING:

The Agency will be responsible for all costs associated with the participation of its Board Member and the Alternate as allowed under the current "Zone 7 Board of Directors' Compensation and Expense Reimbursement Policy." Funds will be available in Fund 100 – Water Enterprise Operations and Fund 200 – Flood Protection Operations.

RECOMMENDED ACTION:

Staff recommends the Agency Board of Directors adopt a Resolution to appoint a JPIA Board Representative and Alternate Board Representative to serve on the ACWA/JPIA Board of Directors.

ATTACHMENT:

Resolution

ZONE 7

ALAMEDA COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT
BOARD OF DIRECTORS

RESOLUTION NO. 25-

INTRODUCED BY DIRECTOR
SECONDED BY DIRECTOR

Resolution Appointing Board Member and Alternate Board Member to the Association of California Water Agencies Joint Powers Insurance Authority (ACWA/JPIA)

WHEREAS, Zone 7 Water Agency is a member of the Association of California Water Agencies Joint Powers Insurance Authority (ACWA/JPIA); and

WHEREAS, ACWA/JPIA is governed by the Board of Directors which shall be composed of one representative and one alternate representative from each member; and

WHEREAS, Zone 7's appointment of a Board Member and an Alternate Board Member supports the Agency Strategic Plan, Goal F – Effective Operations, provide the Agency with effective leadership, administration, and governance and Initiative No. 21 – Continue to effectively manage financial resources; and

WHEREAS, Pursuant to Resolution No. 24-64 dated August 21, 2024, Director Gambs was appointed Board Member to ACWA/JPIA as representative, and Director Green was appointed ACWA/JPIA Alternate Board Member; and

NOW, THEREFORE, BE IT RESOLVED that the Board of Directors of Zone 7 of the Alameda County Flood Control and Water Conservation District, Zone 7:

Section 1. That the Board hereby appoints one Board Member to the Association of California Water Agencies Joint Powers Insurance Authority, that being Director Laurene Green.

Section 2. That the Board hereby appoints one Alternate Board Member to the Association of California Water Agencies Joint Powers Insurance Authority, that being Director Dennis Gambs.

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 Alameda County Flood Control and Water Conservation District on August 20, 2025.

By: _____
President, Board of Directors

ORIGINATING SECTION: Flood Maintenance
CONTACT: Michael Miller

AGENDA DATE: August 20, 2025

SUBJECT: Authorize Annual One-Year Contracts with Civicorps Schools for Flood Maintenance

SUMMARY:

- To support Zone 7 Water Agency's mission to deliver safe, reliable, efficient, and sustainable flood protection services, Zone 7 implements planned maintenance to its flood control facilities. This is in support of Strategic Plan Initiative #13 – Continue to repair and maintain the flood protection facilities.
- Civicorps Schools provides labor, materials, and equipment to perform various as-needed maintenance work in response to maintenance needs for vegetation management along Zone 7's Flood Control and Chain of Lakes facilities.
- Civicorps is a non-profit organization that provides hands-on training and valuable work experience for youth, which creates a pipeline for potential workers in the industry. Civicorps provides labor at a reduced cost that is made possible by supplemental funding from state grants. Zone 7 selected Civicorps as a sole-source supplier of these services, consistent with Zone 7's purchasing policy and has contracted with Civicorps to support vegetation management along arroyos and natural flood channels for 6 years, with average annual spending over the past three years of approximately \$50,000.
- The Civicorps program and funding sources limit contracting to one-year agreements. Zone 7 would benefit from contracting Civicorps annually in future years to access the subsidized workforce and to continue to support this potential source of future employees.
- Staff recommends that the Board authorize the General Manager to:
 - execute a one-year contract with Civicorps Schools in an amount not to exceed \$50,000; and,
 - execute future one-year contracts annually with Civicorps Schools in an amount up to the General Manager's authority at the time, currently \$50,000.

FUNDING:

Funding is included in the FY 2025-26 budget for Fund 200 – Flood Maintenance. Funding for future 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. 25-

INTRODUCED BY DIRECTOR
SECONDED BY DIRECTOR

**Authorize Annual One-Year Contracts with Civicorps Schools for
Flood Maintenance Services**

WHEREAS, Zone 7 of the Alameda County Flood Control and Water Conservation District has a need to contract for as-needed Maintenance services for flood protection facilities and the Chain of Lakes area; and

WHEREAS, the Civicorps is a non-profit organization that provides training opportunities for youth and is a potential source of future employees; and

WHEREAS, Civicorps Schools provides labor at a reduced cost made possible by supplemental funding from state grants; and

WHEREAS, staff has maintained a longstanding partnership with Civicorps to support vegetation management along arroyos and natural flood channels,

NOW, THEREFORE, BE IT RESOLVED that the Board of Directors does hereby authorize the General Manager to execute a one-year contract with Civicorps Schools in an amount not to exceed \$50,000; and,

BE IT FURTHER RESOLVED that the Board of Directors of Zone 7 of the Alameda County Flood Control and Water Conservation District hereby authorize the General Manager to execute a contract with Civicorps Schools each year in future years in an amount up to the General Manager's authority at the time, which is currently \$50,000.

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 August 20, 2025.

By: _____
President, Board of Directors

ORIGINATING SECTION: Maintenance**CONTACT:** Jon Nicolaus**AGENDA DATE:** August 20, 2025**SUBJECT:** Amend Contract for HVAC Preventative Maintenance and As-Needed Repair Services**SUMMARY:**

- To support Zone 7's mission to deliver safe, reliable, efficient, and sustainable water and flood protection services, Zone 7 proactively implements projects to maintain and repair heating, ventilation and air conditioning (HVAC) units at its operating facilities. These activities are in support of Strategic Plan Goal B - Reliable Water Supply and Infrastructure.
- On March 15, 2023, the Board adopted Resolution No. 23-16, authorizing a contract with Frank M. Booth, Inc. for HVAC Preventative Maintenance and As-Needed Services for a total not-to-exceed amount of \$375,000 (\$75,000 per fiscal year) through June 30, 2027.
- To address greater than anticipated repairs to aging equipment at Del Valle Water Treatment Plant and Patterson Pass Treatment Plant, on June 11, 2024, the Board adopted Resolution No. 24-42, authorizing an amendment to the contract to increase the Fiscal Year 2023-2024 (FY 2023-24) amount by \$25,000, for a new total not to exceed \$400,000.
- In March 2025, an HVAC unit in a motor control center needed for operation of the Del Valle Water Treatment Plant failed, requiring fast-track replacement. The cost of the replacement was \$24,650, which resulted in exceeding the annual contract amount for FY 2024-25. An amendment is needed to increase the contract by the amount of \$16,000 to cover the incurred costs, bringing the FY 2024-25 amount to \$91,000 and the total contract to an amount not to exceed \$416,000.
- Staff recommends the Board authorize the General Manager to amend the contract with Frank M. Booth, Inc. to increase the FY 2024-25 amount by \$16,000, bringing the five-year contract total to a not-to-exceed amount of \$416,000.

FUNDING: Funding is available in 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. 25-

INTRODUCED BY DIRECTOR
SECONDED BY DIRECTOR

**Amend Contract for HVAC Preventative Maintenance
and As-Needed Repair Services**

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, on March 15, 2023, the Board adopted Resolution 23-16 authorizing a contract with Frank M. Booth, Inc. for Heating, Ventilation and Air Conditioning (HVAC) Preventative Maintenance and As-Needed Services for a total not-to-exceed amount of \$375,000 (\$75,000 per fiscal year) through June 30, 2027; and

WHEREAS, services required for Fiscal Year (FY) 2024-25 exceeded the \$75,000 authorized by the Board to complete high-priority replacement of the solids handling motor control center HVAC unit at the Del Valle Water Treatment Plant; and

WHEREAS, an increase of \$16,000 is needed for the Frank M. Booth, Inc. contract for FY 2024-25 to pay for work already completed, bringing the FY 2024-25 total to \$91,000.

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 amend the contract with Frank M. Booth, Inc. for HVAC Preventative Maintenance and As-Needed Services to increase the FY 2024-25 amount by \$16,000, bringing the five-year contract total to a not-to-exceed amount of \$416,000.

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 _____.

By: _____
President, Board of Directors

ORIGINATING SECTION: Groundwater**CONTACT:** Michelle Parent/Colleen Winey**AGENDA DATE:** August 20, 2025**SUBJECT:** Approve Variance to Minimum Lot Size for Residential Septic System at 6615 Alisal Street, (APN 0949-0007-013-06), Case #25-002**SUMMARY:**

- This action is in support of Zone 7 Water Agency's Strategic Plan Goal D - Groundwater Management - Manage and protect the groundwater basin as the State-designated Groundwater Sustainability Agency (GSA), and to implement Initiative #11- Manage the GSA and implement the Groundwater Sustainability Plan.
- The 1982 Wastewater Management Plan (WMP) specifies a minimum lot size of 5 acres for lots with septic systems, also known as onsite wastewater treatment systems (OWTS), and allows a maximum wastewater loading of one rural residential equivalence per five acres (1 RRE/5 Acres) when a community sewerage system is not yet available.
- The 2015 Zone 7 Nutrient Management Plan added an additional requirement of 0.7 RRE/parcel maximum loading for properties less than 7 acres inside areas of concern for high nitrates.
- Mr. Salim Sagarchi, property owner, has applied for a variance to the 5-acre minimum lot size to subdivide a 10.7-acre parcel into 4 lots for three 6-bedroom homes and one 5-bedroom home.
- The proposed subdivision is for an undeveloped lot on Alisal Street in an unincorporated area adjacent to the City of Pleasanton (APN 0949-0007-013-06). The parcel overlies the Upland Area of the Livermore Valley Groundwater Basin and is located in the Happy Valley high nitrates area of concern.
- Alameda County Department of Environmental Health is the permitting agency for residential septic tanks and their regulations reference Zone 7 wastewater management policies; however, Zone 7 approval is required for variances to the minimum lot size for residential septic systems.
- On July 3, 2025, the applicant submitted the final site evaluation report to meet variance requirements set in the Zone 7 1982 WMP based on the criteria of no further groundwater degradation. The submitted report included the test results of on-site groundwater samples, which showed nitrate levels below the maximum contaminant levels (MCLs).

- Staff finds that the proposed use of OWTS conforms to the Zone 7 Wastewater Management Policy, which established a maximum wastewater loading of one rural residential equivalence per five acres (1 RRE/5 Acres) when a community sewerage system is not yet available.
- Staff also finds that the proposed use conforms with the 2015 Zone 7 Nutrient Management Plan requirement of 0.7 RRE/parcel maximum loading for properties less than 7 acres inside areas of concern for high nitrates.
- Staff concluded that this project's total wastewater loading is estimated to be below regulatory requirements and that nitrate levels reported from the onsite wells are below the MCL for domestic consumption.
- Currently, it is not feasible for this property to connect to the municipal sewer; however, Zone 7's variance approval will include a condition requiring the property to connect to the public sewer when it becomes available.
- Based on the findings, staff recommends that the Board approve the variance to minimum lot size for a subdivision and the associated septic systems at 6615 Alisal Street (APN 0949-0007-013-06).

FUNDING:

Not applicable

RECOMMENDED ACTION:

Adopt the attached Resolution.

ATTACHMENTS:

- Resolution
- Project Wastewater Loading Worksheet
- Project Site Map

ZONE 7

ALAMEDA COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT
BOARD OF DIRECTORS

RESOLUTION NO. 25-

INTRODUCED BY DIRECTOR
SECONDED BY DIRECTOR

**Authorization of Lot Size Variance
at 6615 Alisal Street, (APN 0949-0007-013-06), Case #25-002**

WHEREAS, this action is in support of Zone 7 Water Agency's (Zone 7) Strategic Plan Goal D - Groundwater Management - Manage and protect the groundwater basin as the State-designated Groundwater Sustainability Agency (GSA), and to implement Initiative #11- Manage the GSA and implement the Groundwater Sustainability Plan; and

WHEREAS, the Board of Directors of Zone 7 of the Alameda County Flood Control and Water Conservation District adopted the Wastewater Management Plan for the Unsewered, Unincorporated Area of Alameda Creek Watershed above Niles (Resolution No. 1037, May 19, 1982) to protect the surface and ground water resources within the Zone; and

WHEREAS, the Wastewater Management Plan specifies lot size and conditions for the use of septic tank/leach field systems, which may affect groundwater quality within the Zone 7 area; and

WHEREAS, Mr. Salim Sagarchi on July 3, 2025 seeks the Zone 7 Board's approval for a variance 5-acre minimum lot size to allow the subdivision of a 10.7 acre-lot in to 4 parcels located at 6615 Alisal Street (APN 0949-0007-013-06) in an unincorporated area adjacent to the City of Pleasanton; and

WHEREAS, the parcel overlies the Upland Area of the Livermore Valley Groundwater Basin and is located inside the Happy Valley high nitrates area of concern; and

WHEREAS, groundwater quality on-site is below maximum contaminant levels for nitrates; and

WHEREAS, the total wastewater loading generated onsite by all uses, residential and commercial, will be less than a maximum wastewater loading of 0.7 rural residential equivalence (RRE) per parcel for properties inside areas the concern for high nitrates; and

NOW, THEREFORE, BE IT RESOLVED that the Board of Directors hereby makes the following findings regarding the application:

1. It is not feasible at this time for the onsite facilities to connect to a municipal sewer;

2. The proposed use conforms to the Zone 7 Wastewater Management Policy (WMP) that allows a maximum wastewater loading of one rural residential equivalence per five acres (1 RRE/5 Acres) when a community sewerage system is not yet available;
3. The proposed use conforms with the 2015 Zone 7 Nutrient Management Plan that requires a maximum of 0.7 RRE/parcel of nitrogen loading for properties less than 7 acres inside areas of concern for high nitrates;
4. There is no significant risk of contamination to the groundwater basin from the proposed septic system(s).

BE IT FURTHER RESOLVED that the septic tank use is approved with the following conditions:

1. Zone 7's approval is contingent upon Alameda County Department of Environmental Health's approval and oversight during the operation and maintenance of the system.
2. No wastewater disposal, other than that specifically approved herewith, is allowed without prior approval by the Zone 7 Water Agency.
3. The property owner is required to submit groundwater analysis for nitrates to Zone 7 annually.
4. When a public sewer is extended within 200 feet of any onsite dwelling connected to the septic systems, the septic system shall be abandoned, and all building sewers shall be connected to the public sewer.

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 August 20, 2025.

By: _____
President, Board of Directors

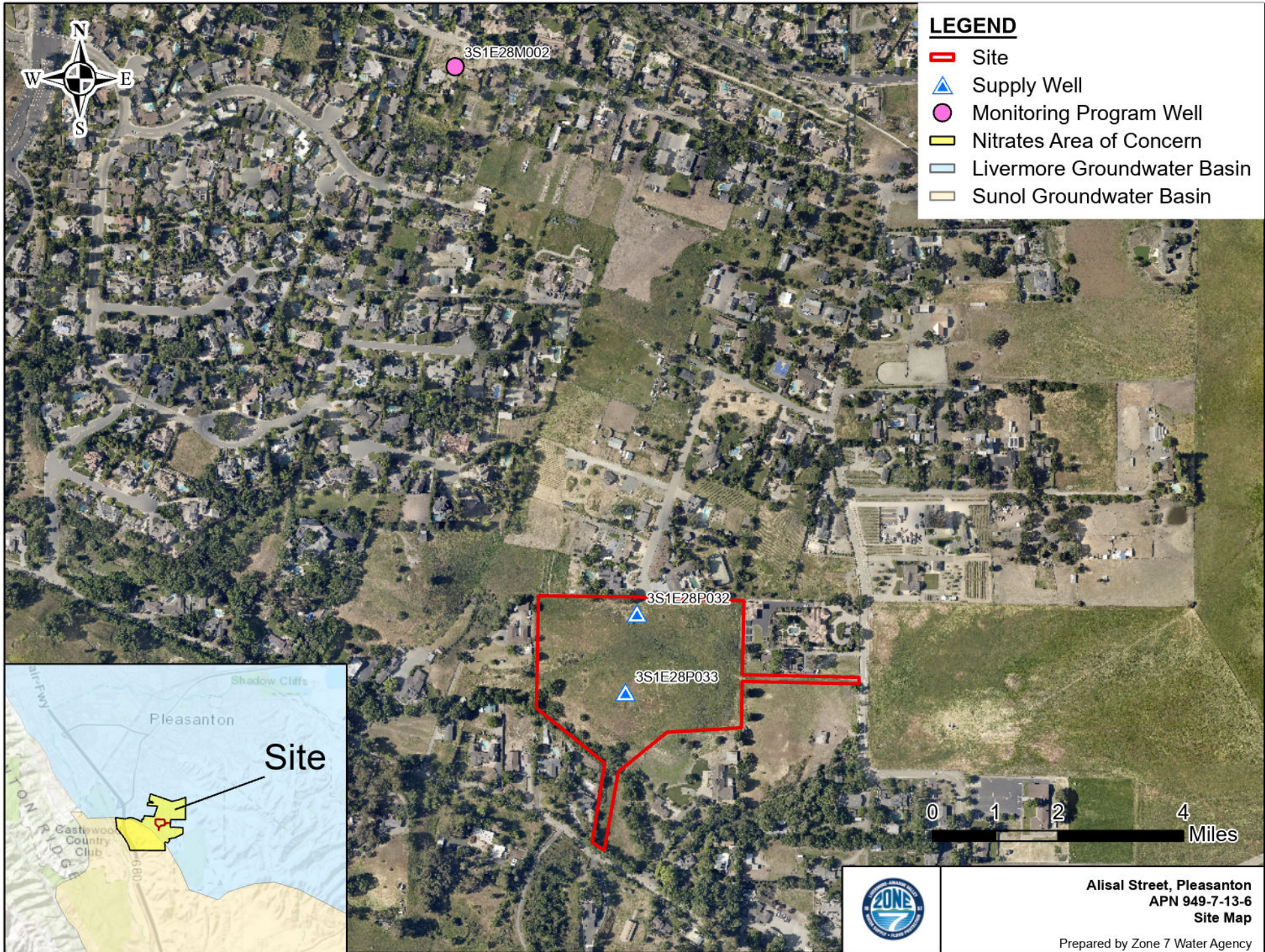
Project Wastewater Loading Worksheet
Alisal, Pleasanton (APN 0949-0007-013-06)
(Case # 25-002)

Facility	Qty	Loading Description	Sewage Flow Rate (GPD) ⁽¹⁾	Days per week	Avg GPD	N Conc Mg/L ⁽¹⁾	Annual Nitrogen Loading lbs/yr	Nitrogen Loading lbs/yr w/Advanced Treatment ⁽²⁾	Max Nitrogen Loading/yr ⁽¹⁾	Total RRE ⁽³⁾	Max RRE ⁽¹⁾
Lot 1	1	Residential - 6 bedroom	300	7	300	70	64	22	23.8	0.65	0.7
Lot 2	1	Residential - 5 bedroom	250	7	250	70	53	19	23.8	0.56	0.7
Lot 3	1	Residential - 6 bedroom	300	7	300	70	64	22	23.8	0.65	0.7
Lot 4	1	Residential - 6 bedroom	300	7	300	70	64	22	23.8	0.65	0.7
Total					1150		245	85	95.2		

(1) ACDEH OWTS Manual (2018).

(2) 65% reduction cited in Zone 7 2015 Nutrient Management Plan. Further (81%) reduction proposed in design. Septic design permitted by ACDEH.

(3) RRE - Unit of loading that results from sewage for 3 bedroom rural residence (34 lbs)



ORIGINATING SECTION: Integrated Planning
CONTACT: Kevin Padway/Neeta Bijoor

AGENDA DATE: August 20, 2025

SUBJECT: Authorize Application to the Federal Emergency Management Agency's Hazard Mitigation Grant Program (DR-4856) through the California Governor's Office of Emergency Services

SUMMARY:

- This action aligns with Strategic Plan Goal H – Fiscal Responsibility and is to implement Strategic Initiative #22 – Track and pursue state and federal funding opportunities.
- The California Governor's Office of Emergency Services (CalOES) is providing a statewide funding opportunity for communities to implement hazard mitigation activities that reduce risks to natural hazards through the Federal Emergency Management Agency's (FEMA) Hazard Mitigation Grant Program (HMGP). This funding opportunity originated from the Presidential Major Disaster Declaration, DR-4856 (California Wildfires and Straight-line Winds), which occurred from January 7 to January 31, 2025.
- Eligible projects for this opportunity include projects that mitigate risks from earthquakes, fires, droughts, floods, and other natural hazards. This application is open to local governments statewide that have an approved Hazard Mitigation Plan.
- Zone 7's Hazard Mitigation Plan (HMP) was adopted by the Board on October 16, 2024, and approved by FEMA on October 28, 2024, and thus, Zone 7 is eligible to apply for funding.
- Staff have identified planned water supply projects that align with the mitigation actions of the HMP and are qualified for submission to this grant opportunity. These projects included but are not limited to well replacements and the regional wells project.
- If awarded, FEMA will provide 75% of project costs, and Zone 7 will be required to provide the remaining 25% as local cost share. CalOES will inform acceptance of Zone 7's application by mid-2026, and FEMA is to formally award the projects in 2028.
- Staff recommends the Board authorize the General Manager to submit an application to FEMA's HMGP DR-4856 through CalOES and any other ancillary documents necessary for consideration and accept a grant if awarded, all at the General Manager's discretion.

FUNDING:

If Zone 7 is awarded funding from this grant opportunity, 25% of the total project cost will be requested to meet the local share obligation.

RECOMMENDED ACTION:

Adopt the attached Resolution.

ATTACHMENT:

Resolution

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

RESOLUTION NO. 25-

INTRODUCED BY DIRECTOR
SECONDED BY DIRECTOR

Authorize Application to the Federal Emergency Management Agency's Hazard Mitigation Grant Program (DR-4856) through the California Governor's Office of Emergency Services

WHEREAS, to support Zone 7 Water Agency's ("Zone 7's") mission to "Deliver safe, reliable, efficient, and sustainable water and flood protection services", Zone 7 has planned drought mitigation projects; and

WHEREAS, this action aligns with Strategic Plan Goal H – Fiscal Responsibility and is to implement Strategic Initiative #22 – Track and pursue state and federal funding opportunities.

WHEREAS, the California Governor's Office of Emergency Services announced a funding opportunity for the Federal Emergency Management Agency's Hazard Mitigation Grant Program (DR-4856) on April 2, 2025; and

WHEREAS, Zone 7's Hazard Mitigation Plan (HMP) was adopted by the Board on October 16, 2024, and approved by FEMA on October 28, 2024, and thus, Zone 7 is eligible to apply for funding; and

WHEREAS, eligible projects for this funding opportunity include projects by local governments that mitigate risk to natural hazards such as flood, drought, wildfire, and other hazards; and

WHEREAS, Staff have identified planned water supply projects that align with the mitigation actions of the HMP and are qualified for submission to this grant opportunity.

NOW, THEREFORE, BE IT RESOLVED that the Board of Directors of Zone 7 of the Alameda County Flood Control and Water Conservation District authorizes the General Manager, or their designee, to submit an application and any other ancillary documents necessary for consideration of a grant award for the above mentioned funding opportunity, and if awarded, to negotiate and execute any grant agreement and take any other actions necessary to effectuate the receipt of grant funds, all at their discretion.

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 August 20, 2025.

By: _____
President, Board of Directors

ORIGINATING SECTION: Integrated Planning

CONTACT: Neeta Bijoor/Ken Minn

AGENDA DATE: August 20, 2025

SUBJECT: Water Conservation Program Update

SUMMARY:

- To support Zone 7's mission to deliver safe, reliable, efficient, and sustainable water, Zone 7 Water Agency (Zone 7) supports water conservation through comprehensive programs. These efforts align with Strategic Plan Goal B – Reliable Water Supply and Infrastructure, and are to implement Strategic Plan Initiative #5 – Develop a diversified water supply plan and implement supported projects and programs. It also supports Strategic Plan Goal G – Stakeholder Engagement, along with Strategic Plan Initiatives #19 – Communications Program and #20 – Pursue opportunities for interagency cooperation.
- Zone 7's efforts towards water conservation support its Water Supply Reliability Policy and fulfill the terms of the water supply contracts with the retailers, which state that Zone 7 will undertake and support water conservation programs.
- Zone 7's conservation program consists of indoor and outdoor rebate offerings for residential and commercial, industrial, and institutional (CII) sectors, along with extensive public outreach efforts. The rebate offerings cover a wide range of indoor and outdoor conservation measures in partnership with retailers, providing rebates for lawn conversions, high-efficiency clothes washers, pool covers, and smart irrigation controllers. Zone 7's water conservation outreach includes a comprehensive website with resources, educational materials and videos, active social media posts, a school program, various trainings, workshops, and events.
- To date, Zone 7 has issued over 25,000 rebates, resulting in the conversion of over half a million square feet of lawn to water-efficient landscaping, the installation of over 19,000 high-efficiency washers, more than 1,300 smart irrigation controllers, and over 100 pool covers. The outreach efforts have also been successful. For example, Zone 7's social media posts generated over 570,000 views and impressions in Fiscal Year 2025. That same year, our award-winning "Water Wise Wendy" videos received over 27,000 views — a 32.5% increase compared to the previous year — demonstrating the campaign's continued growth, success, and broad community impact.
- The effectiveness of Zone 7's water conservation efforts is demonstrated by a reduction in per capita water use in the Tri-Valley, despite significant population growth since 2013.

With Zone 7's conservation support, retailers are currently meeting their Urban Water Use Objectives in compliance with California's Water Conservation as a Way of Life regulation. Since 2020, Zone 7 has achieved an average annual water savings of 11%.

- In this Board meeting, staff will present the assessment of Zone 7's conservation program and inform the board of future actions to further advance the water conservation program by building upon its ongoing efforts to expand the program's overall impact.

FUNDING:

None requested at this time.

RECOMMENDED ACTION:

Information only.

ORIGINATING SECTION: Office of the General Manager

CONTACT: Valerie Pryor

AGENDA DATE: August 20, 2025

SUBJECT: Flood Management Plan – Flood Risk Reduction Project Objectives and Evaluation Criteria

SUMMARY:

- The proposed action supports Strategic Plan Goal E – Provide an Effective System of Flood Protection and Zone 7 Strategic Plan Initiative No. 12 – Complete the Flood Management Plan. The Flood Management Plan (FMP) uses a risk-informed, system-focused planning approach.
- As part of the FMP process, Zone 7 shared the results of a comprehensive, systemwide evaluation of its flood protection system at the May 21, 2025, Board meeting. This evaluation included an updated Hydrologic and Hydraulic model that incorporates the latest climate change data and land use information to project both current and future flood risks. This evaluation is the primary focus of the Flood Management Plan Phase 2A.
- The next step is to review and discuss flood risk reduction project objectives and evaluation criteria. The objectives guide the selection of where to focus and align with the FMP Guiding Principles adopted by the Board on August 21, 2021. These Guiding Principles are shown in Attachment A. Evaluation criteria guide the evaluation of alternative plans. Primary and Secondary Evaluation Criteria are shown on the next page. These will be presented and reviewed at Board meeting.
- The next steps of the FMP process will be to develop and evaluate alternatives. This process will include city and community engagement.
- Future portions of Phase 2 will include an Implementation Plan, a Capital Improvement Plan, and a Funding/Financing Plan, each incorporating a Public and Stakeholder Engagement Plan.

Primary Project Objectives		Evaluation Criteria
1	Reduce impacts to public safety due to flooding from flows overtopping flood protection channels	1a Change in number of people that could experience flooding 1b Change in number of critical facilities that could experience flooding 1c Change in miles of primary or emergency roadway that could experience flooding
2	Reduce the risk of economic impacts due to flood damage within the Zone 7 service area	2a Flood damage reduced
3	Minimize lifecycle costs to Zone 7 and its customers	3a Combined capital and O&M cost over the 50-year planning horizon
Secondary Project Objectives		Evaluation Criteria
4	Use floodwaters to enhance water supplies in the Tri-Valley	4a Potential volume of flood flows diverted to locations that increase Tri-Valley water supplies
5	Reduce Zone 7 channel sedimentation and bank erosion risks	5a Linear feet of bank with scour protection or other countermeasures 5b Linear feet of Zone 7 channels designated as "High" sedimentation risk with reduced risk rating 5c Linear feet of Zone 7 channel banks designated as "High" erosion risk with reduced risk rating
6	Align investments with mitigation and permitting expectations.	6a Potential to secure permits for implementation
7	Align investments with potential funding and long-term management opportunities	7a Potential to incorporate multiple benefits and align with requirements of funding opportunities 7b Likelihood of potential funding with long-term management partner

RECOMMENDED ACTION:

Discuss and provide input.

ATTACHMENT:

Flood Management Plan Guiding Principles

Zone 7 Guiding Principles for Flood Management

Adopted July 21, 2021

1. Align with Zone 7's Strategic Plan (<https://www.zone7water.com/mission-vision-values>)

The flood management plan will be consistent with the agency's integrated water resource goals and initiatives.

2. Foster proactive public engagement

The flood management plan will promote open communication with community partners and stakeholders.

3. Do what is needed and practical to manage risks associated with flood management in the Zone 7 service area

The flood management plan will be developed with an approach that prioritizes projects in the Zone 7 service area that can be funded, implemented, and sustained.

4. Incorporate climate change uncertainty

The flood management plan will be based on well-supported analysis of future watershed conditions.

5. Be risk informed

The flood management plan will support risk-informed decision making and communication through evaluation of both a flood's likelihood of occurrence as well as its consequences.

6. Advance collaboration within the watershed

Successful implementation of the flood management plan is dependent on active participation among multiple agencies with flood management responsibility and/or impact.

7. Consider Multi-Benefit Solutions

The flood management plan will support the implementation of multi-benefit projects where flood risk reduction can enable the accomplishment of compatible water resource goals.

ORIGINATING SECTION: Office of the General Manager

CONTACT: Valerie Pryor

AGENDA DATE: August 20, 2025

SUBJECT: Proposed Update to the Board Policy on Conducting Business

SUMMARY:

- The proposed action is in support of Strategic Plan Goal F – Effective Operations: Provide the Agency with effective leadership, administration and governance. The Board Policy on Conducting Business was last updated on September 19, 2012, via Resolution No. 13-4217.
- The Board President established an Ad Hoc Committee to review and recommend updates on this policy. The Ad Hoc Committee met twice and suggested key areas for updates. Based on this, General Counsel suggested writing a new policy that incorporated Ad Hoc Committee input, special district best practices and modern language that is user-friendly.
- Key areas of update include referencing Rosenberg’s Rules of Order; discussing how Board meetings are conducted; that the General Manager, General Counsel and Auditor are appointed by and report to the Board; appointment of and duties of Board Officers; and how Directors request items to be added to the agenda.
- The Ad Hoc Committee recommends the Board adopt the attached Resolution approving the proposed update to the Board Policy on Conducting Business.

FUNDING:

N/A

RECOMMENDED ACTION:

Adopt the attached Resolution.

ATTACHMENTS:

- Resolution
- Clean Board Policy on Conducting Business

ZONE 7
ALAMEDA COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT

BOARD OF DIRECTORS

RESOLUTION NO. 25-

INTRODUCED BY DIRECTOR
SECONDED BY DIRECTOR

Proposed Update to the Board Policy on Conducting Business

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

WHEREAS, the Board Policy on Conducting Business was last updated on September 19, 2012, via Resolution No. 13-4217; and

WHEREAS, the Board President established an Ad Hoc Committee to review and recommend updates on this policy. The Ad Hoc Committee met twice and suggested key areas for updates.

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 adopt the attached Board Policy on Conducting Business.

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 August 20, 2025.

By: _____
President, Board of Directors

POLICY AND PROCEDURE

POLICY TITLE: Board Policy on Conducting Business	NUMBER: 2012-02	PAGE: 1 of 10
APPROVED BY: Zone 7 Board	REVISION: 4	EFFECTIVE DATE: August 20, 2025

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1. AUTHORITY

Zone 7 Water Agency ("Agency") is a special district formed and operating under the Alameda County Flood Control and Water Conservation District Act ("District Act"). The Agency is governed by a seven-member Board of Directors. The Board is the legislative body that governs the Agency, sets the Agency's policies, hires its General Manager, appoints its officers, and is ultimately responsible and accountable to the residents of Zone 7. It exercises these powers pursuant to Section 36 of the District Act.

2. PURPOSE AND SCOPE

This policy provides guidelines on the roles, responsibilities, duties, practices and procedures, and authority of the Board and individual Directors.

These rules of procedure are intended to help implement, but do not limit or supersede, the state and local laws that govern the requirements and responsibilities for the Agency's Board meetings. Those laws include, but are not limited to the Brown Act, the Political Reform Act, and the District Act. These rules of procedure are not intended to limit the inherent power or the general legal authority of the Board of Directors, and failure to follow these rules will not invalidate a Board action.

3. ROLE OF THE BOARD

The Board of Directors is the legislative body and unit of authority within the Agency. Power is centralized in the elected Board collectively and not in an individual Director. The Board is the official body responsible for setting agency policies and priorities.

The Board strives to promote the best interest of the public by establishing policies that support the mission, vision and core values of the organization and by ensuring the implementation of those policies. It is responsible for fiscal stewardship of the Agency, and it provides policy direction to the General Manager, who will in turn manage the day-to-day operations of the organization. Directors have no individual authority unless authorized by the Board and may not commit (nor represent that they can commit) the Agency to any policy, act, or expenditure.

4. PRINCIPLES OF BOARD MEMBER CONDUCT

Board Members will work as a team, in cooperation with other public officials, to serve the best interests of the Agency and its constituents. Directors agree to hold themselves to high standards of conduct in connection with their service as public officials. These include, for example:

- *A commitment to thorough preparation and regular attendance at Board meetings.*
Directors will read all agenda materials and come to meetings prepared for discussion.

Directors are responsible for promptly notifying the Board President or Committee Chair (as applicable) and Board Secretary of anticipated absences, and for coordinating with the Board Secretary to ensure that any remote meeting participation is in full compliance with Brown Act requirements.

- *A commitment to treating one another, members of the public, and Agency staff with respect and courtesy at all times.* Directors shall afford due respect for others' differing opinions and viewpoints. They shall be courteous and shall not engage in personal attacks or make malicious or offensive statements or comments during the conduct of Agency business.
- *A commitment to professionalism in their interactions with the Board and the public.* Directors will provide any comments on agenda items with a focus on comments that are relevant, thoughtful, clear, and succinct. Directors are encouraged to avoid public statements that conflict with Board-adopted policy and decisions. When expressing personal views concerning matters affecting the Agency, Directors should clearly disclose them as such to avoid any confusion regarding the position of the Agency.

In carrying out their duties, Board members shall bear in mind the Board's role, the Agency's mission, and the interests of the constituency the Board serves. Board Members will comply with applicable laws and Agency policies regulating their conduct, including conflict of interest rules, financial disclosure and open government laws, and this Policy on Conducting Business.

5. BOARD MEETINGS

Meetings of the Board of Directors and Committees of the Board are subject to the Ralph M. Brown Act (California Government Code Section 54950, et seq.), which sets basic requirements for the noticing, public comment, and content of local agency meetings. Where existing law or this Policy is silent on the procedure for a meeting, the Board will rely on [Rosenberg's Rules of Order: Simple Parliamentary Procedures for the 21st Century](#), League of California Cities, 2011.

5.1 Types of Meetings

By law, a "meeting" of a public agency's Board occurs whenever a majority of the members of that body convene at the same time and place to hear, discuss or deliberate upon any matter which is under the subject matter jurisdiction of the agency. There are four types of Board meetings: regular, special, adjourned, and emergency:

- **Regular Board Meetings:** Most Agency business is conducted at regular Board meetings. The dates, times, and locations of regular Board meetings are established by resolution of the Board. The agenda for regular Board meetings must be posted in a public place at least 72 hours prior to the meeting.

- **Special Board Meetings:** These meetings are held to discuss a special topic, to conduct a workshop, or anytime a Board meeting must be held at a different date, time, or location than the regular Board meeting. These meetings must be noticed 24 hours prior to the meeting.
- **Adjourned Board Meetings:** A Board meeting may be adjourned by the Board to another date, time, and place if the business of that meeting has not been completed or if the Board's deliberations would benefit from continuing the meeting at another time or in another location. If less than a quorum is present, the Directors who are present can adjourn the meeting to another date, time, and place.
- **Emergency Board Meetings:** The Board may hold an emergency Board meeting when prompt action is necessary due to the disruption or threatened disruption of public facilities. Special noticing requirements apply to emergency meetings; the General Manager and Board Secretary will consult with General Counsel in convening and noticing emergency meetings.

5.2 Meeting Time and Location

Regular Meetings of the Board of Directors are held on the third Wednesday of each month, beginning at 7:00 p.m. in the Agency's Boardroom located at 100 North Canyons Parkway, Livermore, California.

Special and emergency meetings of the Board may be held at any other time or day, subject to appropriate notice. Board meetings must generally be conducted within the boundaries of the Agency; staff will coordinate with the Agency's General Counsel in those limited circumstances where a meeting must be conducted outside the Agency's boundaries.

5.3 Quorum; Board Action and Direction

Four directors constitute a quorum of the Board. From time to time, the law may impose more stringent requirements for convening or conducting a meeting: for example, the Brown Act's requirement that a quorum of Directors participate from within the boundaries of the agency in certain circumstances where remote participation will occur. Directors are encouraged to consult the Agency's General Counsel with any questions.

The Board takes formal action on an item following a simple majority vote of the members present, unless a greater number of votes are otherwise required by law. A member abstaining in a vote is considered as absent for that vote; a member abstaining due to a conflict of interest does not count towards a quorum.

The Board may also give directions that are not a formal action of the Board or Agency. Most commonly, such informal actions would include the Board's directives and instructions to staff in response to a particular agenda item. In such cases, the President shall determine by consensus a Board directive and shall state it for clarification. Should any two Directors challenge the statement of the President, a voice vote may be requested. Board direction of this sort shall only occur regarding matters that appear on that meeting's agenda.

5.4 Committee Meetings

Zone 7 Water Agency maintains both standing and ad-hoc committees to facilitate the efficient management of Agency issues. The Board President shall be responsible for determining the Board committees and committee assignments no later than the first regularly scheduled Board meeting in August of each year. If a Board member is not satisfied with the committee or his/her assignment, that member may take his/her request or complaint to the Board for consideration and action at the next regularly scheduled Board meeting. Committee meetings include less than a quorum of the Board and are held on an "as needed" basis in consultation with the Board President and General Manager. Non-Committee members who wish to observe or participate in a committee meeting should consult with the Board Secretary to ensure that appropriate noticing procedures are followed.

6. MEETING ORDER OF BUSINESS

Meetings of the Board of Directors will generally proceed along the following order of business:

- **Call to Order.** The President of the Board shall call the meeting to order by striking the gavel. If the President is absent, the Vice President shall call the meeting to order. The President or their designee shall then lead the Directors, staff, and public in the Pledge of Allegiance to the flag of the United States of America.
- **Roll Call and Determination of Quorum.** The presiding officer will request that the Board Secretary perform a roll call, whereupon any Directors required to make special announcements to comply with remote meeting participation requirements may do so.
- **Public Comment on Non-Agenda Items.** This portion of the agenda is an opportunity for any member of the public to address the Board of Directors on an item of interest to the public that is within the Agency's subject matter jurisdiction but is not listed on the posted agenda. The Board will not be able to act on matters brought to its attention under this item until a future board meeting. The Board may seek clarification or follow-up from staff where appropriate.
- **Approval of Minutes.** At each regular Board meeting, the Board receives draft summary minutes of recent regular and special Board meetings. The Board considers and approves each set of minutes by motion. The Board has the sole discretion to approve the contents and the format of the minutes.

- **Consent Calendar.** Matters listed under the consent calendar are considered routine and generally are acted upon by a single, consolidated motion. The consent calendar portion of the agenda is for routine items such as resolutions confirming actions from a previous meeting, the processing of administrative items, the acceptance of public improvements, and other routine items requiring Board approval. Any Director may pull an item from the Consent Calendar for separate discussion. The removed items are then discussed and considered individually.
- **Action Items and Informational Presentations.** Following the approval of the consent calendar, each action item or informational item on the agenda will be presented to the Board by staff. Following the presentation of the item, the President of the Board will solicit questions from the Board. At this stage, Directors are limited to asking technical or clarifying questions of Agency staff and consultants on the item but shall not express personal opinion or debate the merits of the item under consideration. When Director questions have concluded, the presiding officer will call for public comment on the item. Members of the public must adhere to the posted time limits for public comment. The Board will receive public comments but will not engage in debate or dialogue with commenters. Following public comment, the presiding officer will solicit any comments from Directors regarding the item. The presiding officer will then entertain a motion and vote on the item, as applicable. Generally, a Director speaks on an item for the second time only after every other Director who wishes to speak has had a chance to speak for the first time.
- **Director Reports.** During the Director Reports item, Directors should limit reports to topics or activities related to the Agency's mission. These reports shall be limited to five minutes per Director. If the Director has additional information to share with the Board, such information shall be provided in advance to the General Manager as a written report that can be included in the agenda package.
- **Items for Future Agendas.** During this item, Directors may request topics to be included on future agendas. Items raised during this portion of the agenda may be placed on a future Board meeting agenda by a majority vote of the Board. In the alternative, a Director may request that an item be placed onto the board agenda by submitting a written request to the President of the Board and General Manager for consideration no later than 10 business days prior to the scheduled Board meeting.
- **Staff Reports.** During the Staff Reports item, staff will provide updates on Agency activities not already covered on the agenda. These updates will generally accompany a written report and are an informational item only.
- **Adjournment.** The presiding officer will adjourn the meeting and announce the time of adjournment for the record.

7. BOARD OFFICERS

The Board of Directors selects officers annually at the first regular Board meeting of the fiscal year, through a vote of the Board of Directors.

The Board President serves as the presiding officer at Board meetings. The President is responsible for facilitating the meeting; for keeping the Board focused on the agenda at hand; for providing appropriate avenues for public participation; and for maintaining proper and appropriate parliamentary procedure and agenda management (e.g., ensure that actions are taken with proper motions and seconds). The Board President may make motions, discuss items, and vote on items like any other Board member, though as the presiding officer the President will allow other Directors to complete their comments or provide any desired motions before offer personal comments. The Board President is responsible for determining the Board committees and committee assignments no later than the first regularly scheduled Board meeting in August of each year. The President acts as the ceremonial head of the agency and may be required to execute documents or perform ceremonial functions on the agency's behalf.

The Board Vice President assumes the duties of the President in the President's absence and is responsible for presiding over Board meetings in the event that the President is absent or otherwise unavailable to conduct the meeting. If the President is participating in the meeting remotely, the Vice President will preside over the meeting.

8. BOARD APPOINTMENTS AND STAFFING

The Board appoints five Agency positions: General Manager, General Counsel, Independent Auditor, Board Secretary, and Treasurer. The Board of Directors recognizes that each participant in the conduct of the Agency's business plays a unique role in carrying out the mission of the Agency. Certain roles and expectations are defined in greater detail below.

8.1 General Manager.

The Agency's General Manager serves by appointment of the Board. The General Manager is responsible for carrying out the day-to-day operations of the Agency, consistent with the policy direction provided by the Board. The Board provides policy direction and general instructions to the General Manager on matters within the authority of the Board by the requisite vote of the Board during duly convened Board meetings.

The General Manager's responsibilities include the authority to set the duties and manage the work flow of Agency employees; to make decisions regarding the day-to-day operations and long term maintenance of the Agency's water system, flood control, and other facilities; to hire and discharge agency employees, consistent with Agency policy and County of Alameda Civil Service Rules; to expend or direct Agency resources or within the scope of authority delegated by the Board and consistent with Board direction. Directors will deal with matters within the

authority of the General Manager through the General Manager and not through other Agency employees.

Agency staff are appointed under and pursuant to the civil service rules and regulations of the County of Alameda and are employed through Alameda County Civil Service. Board Members with questions or requests related to Agency matters will make those requests directly to the General Manager, who shall be responsible for responding to or delegating the request. Board Members will refrain from making requests directly to other Agency employees.

The Board will evaluate the General Manager at least annually, consistent with the terms of the General Manager's employment contract. The purpose of the evaluation is to strengthen the relationship between the Board of Directors and the General Manager; to identify performance objectives for the General Manager; and to provide feedback to the General Manager and identify areas where improvements may be needed.

8.2 General Counsel.

The Board appoints the Agency's General Counsel, and the General Counsel in turn reports to the Board. General Counsel is responsible for providing legal guidance on matters within the Agency's purview. The General Counsel's attorney-client relationship is with the Agency, and not with any individual Board member or employee. Members of the Board may request non-confidential, factual information from the General Counsel, but will not separately direct legal work.

Substantive or strategic legal work should be performed in coordination with the General Manager or appropriate staff, and consistent with the policy direction and general instructions provided by the Board to the General Manager, staff, or General Counsel as appropriate. The General Counsel may undertake analyses, prepare agreements and correspondence, negotiate with other parties, and evaluate risk, but may not bind the Agency without appropriately delegated authority from the Board.

The Board may evaluate the General Counsel periodically. The purpose of the evaluation is to strengthen the relationship between the Board of Directors and the General Counsel; to identify performance objectives for the General Counsel; and to provide feedback to the General Counsel and identify areas where improvements may be needed.

8.3 Independent Auditor.

The Board selects and appoints an independent auditor to support the Board and Agency by performing certain duties and responsibilities such as conducting an annual audit of the Agency's financial statements in accordance with Governmental Accounting Standards, and to provide comments or recommendations resulting from the auditor's review of systems of internal controls in connection with the financial audit. Consistent with industry best practices, the Agency will consider a change to its independent auditor at least once every 5 years.

8.4 Board Secretary and Treasurer.

The Board appoints a Board Secretary and a Treasurer to support the Board and the Agency by performing certain duties and responsibilities established by law for said positions. These positions are typically appointed from among Agency staff and may be reappointed or reassigned at the pleasure of the Board.

9. VIOLATIONS OF THE POLICY ON CONDUCTING BUSINESS

A perceived violation of this Policy by a Board Member should be referred to the President of the Board or the Board of Directors for investigation, and consideration of any appropriate action warranted. A violation of this policy may be addressed by the use of such remedies as are available by law to the Agency.

A Board Member will not use or threaten to use any official authority or influence to affect any action as a reprisal against a Director or Agency employee who reports or otherwise brings to the attention of the General Manager, General Counsel, Board President, Assistant General Manager, or other legal authority any information regarding the subjects described in this Policy.

10. LEGAL RESPONSIBILITIES OF PUBLIC OFFICE

In addition to the District Act, the Agency is governed by relevant provisions of the California Water Code, the California Government Code, the Ralph M. Brown Act, the Political Reform Act, and other laws and regulations pertaining to California public agencies. This Policy does not override those legal obligations, and in the event of a conflict, those prevailing statutory requirements will control. Directors are expected to engage in regular continuing education, and to work closely with General Counsel regarding these requirements. Directors will conduct themselves at all times to avoid any appearance of impropriety in their conduct of Agency business.

11. OTHER IMPORTANT MATERIALS

To be an effective Director, Directors should be familiar with several important documents. These are typically provided at Director orientation and can also be obtained from the Board Secretary or General Manager. These include but are not limited to: The District Act; Rosenberg's Rules of Order; the Ralph M. Brown Act; the California Public Records Act; Agency-adopted budgets; Agency strategic plans and planning reports; and Agency policies.

HISTORY

Date	Action	Resolution
December 17, 2008	Originally adopted	09-3266
February 15, 2012	Amended	12-4162
September 19, 2012	Amended	13-4217
August 20, 2025	Amended	25-

ZONE 7 BOARD OF DIRECTORS
SUMMARY NOTES OF THE FINANCE COMMITTEE

July 9, 2025
3:00 p.m.

Directors Present: Dawn Benson
Laurene Green
Kathy Narum

Directors Absent: Dawn Benson
Catherine Brown

Staff Present: Osborn Solitei, Treasurer/Assistant General Manager – Finance
Lizzie Foss, Financial Analyst
Teri Yasuda, Accounting Manager
Nzinga Arrington, Administrative Assistant

1. Call Meeting to Order

Director Narum called the meeting to order at 3:00 p.m.

2. Public Comment on Items Not on the Agenda

There were no public comments.

3. FY 2024-25 Audit: Communication with Those Charged with Governance

The Committee received a presentation from David Alvey, CPA and audit partner at Maze & Associates, regarding the Fiscal Year 2024-25 audit. Mr. Alvey explained that although Maze & Associates had previously served as the Agency's auditor approximately five years ago, this is their first year returning in that role for the current fiscal year ending June 30, 2025. He reviewed the audit scope, phases, and timing, noting that communication with those charged with governance is a required step in the process.

Mr. Alvey described how the audit begins with a risk assessment and brainstorming session involving the full audit team. The process is tailored to each agency, as there is no "one-size-fits-all" approach. The team assesses potential risks of material misstatement, due to either error or fraud, and develops the audit plan accordingly. The audit is conducted in two phases: the interim phase, which includes transactional testing and controls assessment, and the final phase, which incorporates materiality and focuses on financial balances and compliance.

During the interim phase, the team tests payroll, disbursements, journal entries, and revenue for proper segregation of duties and adherence to policies. Mr. Alvey emphasized the importance of internal controls, noting that even small-dollar transactions are reviewed for

policy compliance. In the final phase, materiality becomes a factor, and the auditors conduct balance testing, confirm cash and investments, perform analytical reviews, and test capital assets and compliance with government codes and investment policies.

Mr. Alvey also explained that while Maze & Associates prepares the Agency's financial statements for presentation, they do not perform any accounting functions or make management decisions, thereby maintaining independence. The Agency's finance staff, led by Osborn Solitei, retains responsibility for the accuracy and completeness of the financial data.

The audit is scheduled to begin its interim phase in August, with the final phase occurring in September. The goal is to issue the final report by December. Prior to finalization, a management representation letter will be signed, confirming that all necessary information was provided to the auditors in good faith.

Director Brown asked who signs the management representation letter, and Mr. Alvey confirmed it would be Mr. Solitei, as the Agency's representative of management. Director Narum emphasized the importance of receiving a clean opinion and explained that the management representation letter serves as assurance that nothing was withheld during the audit process.

Mr. Alvey elaborated on the different types of audit opinions: unmodified (clean), modified, disclaimer, and emphasis of matter. He noted that an emphasis of matter is sometimes issued to highlight significant accounting changes or unusual transactions, such as the implementation of new pension or OPEB standards.

Mr. Solitei added that the Agency's Annual Comprehensive Financial Report (ACFR) is submitted to the Government Finance Officers Association (GFOA) for peer review. The document is reviewed by finance professionals and auditors to ensure compliance with applicable standards. He noted that the financial numbers are prepared internally, and while the auditors compile the final document, the footnotes and data are provided by staff.

In response to a question from Director Narum, Mr. Solitei confirmed that the auditors receive and review all relevant board and committee materials, including quarterly reports and minutes. Mr. Alvey reiterated that his team reads all board and committee documents up to the date the audit opinion is issued, to ensure that any post-year-end events are properly disclosed.

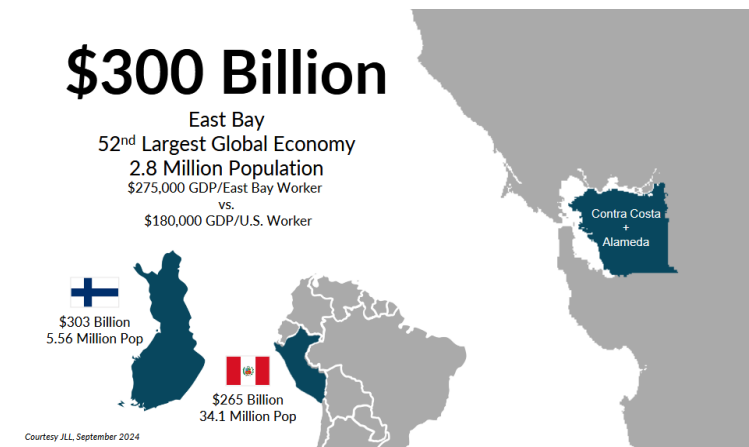
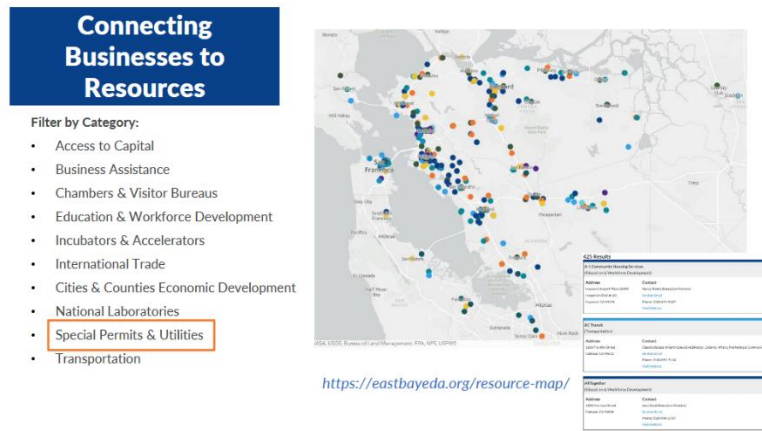
4. Adjournment

The meeting was adjourned at 3:32 p.m. by Director Narum.

August 2025 Board Report - PALMER

Alameda County Special Districts

July 9 Joint meeting with Contra Costa/Alameda County at DSRSD
 Presentation by East Bay Economic Development Alliance; and as pointed out by Ryan Klausnitzer: Without Water, Sewer, and other infrastructure, none of this would be possible.



THE GOLDEN STATE

If California were a country, it would have the fourth-largest economy in the world.

Country	2024 nominal GDP in trillions	Growth Rate
1: U.S.	\$29.18	+ 5.3%
2: China	\$18.75	+ 2.6%
3: Germany	\$4.66	+ 2.9%
4: California	\$4.1	+ 6%
5: Japan	\$4.03	
6: India	\$3.91	
7: U.K.	\$3.64	
8: France	\$3.16	
9: Italy	\$2.37	
10: Canada	\$2.24	

Source: International Monetary Fund,
 U.S. Bureau of Economic Analysis
 BAY AREA NEWS GROUP



Courtesy JLL, September 2024

Upcoming AC Special District meetings:
Wednesday, September 10, 2025
Host: HARD
Location: San Felipe Community Center (Fairview)

Wednesday, November 12, 2025
Host: Oro Loma Sanitary District
Location: CVSan Office

ACWA Permitting Reform Workgroup July 30 ,2025

Discussion on problems of piecemealing issues on take prohibitions esp. with increasing number of listed species with CESA.

Difference between "Fully Protected" vs. endangered. The severity of the listing has been switched. this doesn't have a basis in legislative history.

Noted that a "public safety" project should be treated differently from development or general infrastructure.

Some members suggested that we should go for high level decisions, how specific? Others felt this would make proposals more of a target.

We need to consider "achievability"

Need for a Budget Based Analysis since funding and acceptance will become increasingly difficult in near future. Need for proposals with little fiscal impact. Perhaps inserting a new category into an existing program?

Strong support for developing more in terms of Mitigation Banks for It is critical to have some specific examples so members of the workgroup were called to help.

SB23 (see ACWA handout) addressed only one specific problem - there is a need to make this broader.

The impact of new species listing on existing NCCPs could be minimized if reopening could be avoided- huge saving in time and money.

Example issues brought up were Groundwater Recharge, Wildfires, Tribal stewardship.

Next meeting in about 3 weeks.

Preparation notes in by end of August.

ACWA Water Quality issues

PFAS IN DRINKING WATER (ppt)					
PFAS Compounds	CA State Water Board				
	Public Health Goal	Current Notification Level (NL)	Proposed Notification Level	Current Response Level (RL)	Proposed Response Level
PFOA	0.007	5.1	4.0	10.0	No change
PFOS	1.0	6.5	4.0	40.0	No change
PFHxS	OEHHA developing	3	No change	20.0	10.0
PFBS	-	500	No change	5,000	No change
GEN-X	-	-	-	-	-
PFNA	-	-	-	-	-
PFHxA	-	-	1,000.0	-	10,000.0



OEHHA: Office of Environmental Health Hazard Assessment

SWRCB Information Items for Wednesday, August 6th

1. Proposed Revised Notification and/or Response Levels for Perfluorooctanoic Acid, Perfluorooctane Sulfonic Acid, and Perfluorohexane Sulfonic Acid, and Proposed Notification and Response Levels for Perfluorohexanoic Acid.
2. Update of the Per- And Polyfluoroalkyl Substances Broad Spectrum Project at Disadvantaged Communities.

ACWA Workshop July 31

The workshop addressed ACWA's Advocacy efforts, Discussion was on Advocacy vs. Reactivity. Overall it was stressed that ACWA should stand on Principle. What happens when Legislative Committee is deadlocked? This reverts to the overall Board's role. We need measurable results.

ACWA works on mobilizing member agencies to support advocacy efforts.

- Develop a clear process for bringing issues up
- go to the Regional Staff
- Develop WORK PLANS
- The Board could be engaged on various levels
- Work more with Region Boards
- Be nimble
- ACWA should show more courage

Focus on the Strategic influence of ACWA

- Prioritize goals
- be proactive
- target upcoming electeds for education
- next governor coming up

ACWA Board meeting August 1

<https://www.acwa.com/about/board-committees/board-information-and-materials/august-1-2025-board-meeting-packet/>

Educate the governor and possible upcoming
Federal Report on pg. 82 of board packet
State leg committee report on pg. 88 of board packet
SB394 and 454 were sponsored by ACWA
ACWA International Business Plan was TABLED

Federal funds revoked for EPA, Bureau of Reclamation , and Army Core of Engineers
There is a Sept 30 deadline to avoid a government shutdown.
NEPA to be streamlined
USDA: Forest Service is closing Regional
Offices and moving to 5 hubs
President's Budget zeroed out WIFIA, House added \$5M to WIFIA, down from \$7M last year.
There is a \$5B cut. Southern California Bureau of Reclamation office will remain open due to lobbying activity. We should do the same for USDA offices.

ACWA Region Events (check www.acwa.com)

Region 3 August 20

Big Impact on a Small Budget:

Grant Strategies for Resource-Strapped Agencies

Presented by ACWA Region 3

Small agencies often struggle to compete for grants due to limited staff and resources, but with the right approach, you can maximize efficiency and secure critical funding without overextending your team. Join our expert panel, featuring a grant writing consultant, a federal advocate, and small agency leaders, as they share practical strategies to find the right grants, leverage partnerships and consultants, and streamline your grant process.

Region 1 September 12

North Bay Water Innovations in Action

Presented by ACWA Region 1

Join Region 1 for a dynamic day of sustainability tours, education, and networking! Explore how local leaders are pioneering innovative solutions in water and wastewater management. The event includes:

Educational program on regional water sustainability efforts

Behind-the-scenes tour of Windsor's water reclamation plant as they journey toward net-zero and sustainability

Shone Farm tour highlighting water-smart agriculture

Tours & brewery tasting at Russian River Brewing Company's brewery wastewater treatment plant.

Region 5 September 25-26 (This is OUR Region!)
Exploring SFPUC's Water Infrastructure & Fire Resilience
Presented by ACWA Region 5 in partnership with SFPUC
Save the Dates: September 25-26, 2025

Join ACWA Region 5 and the San Francisco Public Utilities Commission (SFPUC) for an inside look at the essential water systems that sustain and safeguard San Francisco. This two-day event kicks off with a networking reception on Thursday, September 25, followed by a full program on Friday, September 26, featuring:

- Insights into SFPUC's role in climate resilience, sustainability, and water innovation, from drinking water to wastewater management.
- A deep dive into SFPUC's auxiliary fire suppression system, including how it works, its history, and the costs of maintaining critical infrastructure.
- Opportunities to connect with experts and peers shaping the future of water in the region.

Delta Plan Interagency Implementation Committee August 7

part of the Delta Stewardship Council

<https://deltacouncil.ca.gov/dpic/meetings>

- Addressed Invasive Species
- SWCB gave an update on the Water Quality Control Plan to be given at a workshop September 8 & 9
- Issues of Building Community & Trust
- Review of mitigation and restoration projects: specific examples
- Staten Island Project Rice Marshes
- Webb Tract Wetland > mosaic of land use Restoration
- Rice farming has reduced subsidence and increased amount of Carbon stored
- Problems of subsidence is when peat subsides, water goes not just through the levee but under it. This is very destabilizing.
- Metropolitan has 4 islands and part of a fifth. Originally bought for DCP but now are being used for rice conversion and wetland restoration (work w Contra Costa County)

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

AGENDA DATE: August 20, 2025

SUBJECT: General Manager's Report

SUMMARY:

The following highlights key activities from last month. No General Manager contracts were executed during July.

Integrated Water Resources:

Correcting the Record on Sites Reservoir: On July 31, *The Independent* published a misleading editorial about the Sites Reservoir Project. Zone 7 and the Sites Project Authority submitted a joint letter to the editor to correct the record; however, *The Independent* did not publish it. The text of the letter is provided below:

The Sites Reservoir project is mischaracterized in your 7/31/25 editorial. It's an *offstream* reservoir that captures storm flows when they are high, and it includes strict environmental protections developed with state and federal wildlife agencies. It's designed to help fish and the environment during dry periods, not harm them.

The cost estimate has grown due to inflation and refined planning, but the project is funded by a broad mix of local, state, and federal partners—all who directly benefit from the project. Zone 7 Water Agency is evaluating this project as a means to help shore up water supply reliability for Tri-Valley residents during droughts.

Water use efficiency and recycling are vital, but we also need smart storage to manage droughts and extreme weather. Sites is a critical part of a balanced, climate-resilient water strategy. Visit www.sitesproject.org for more information.

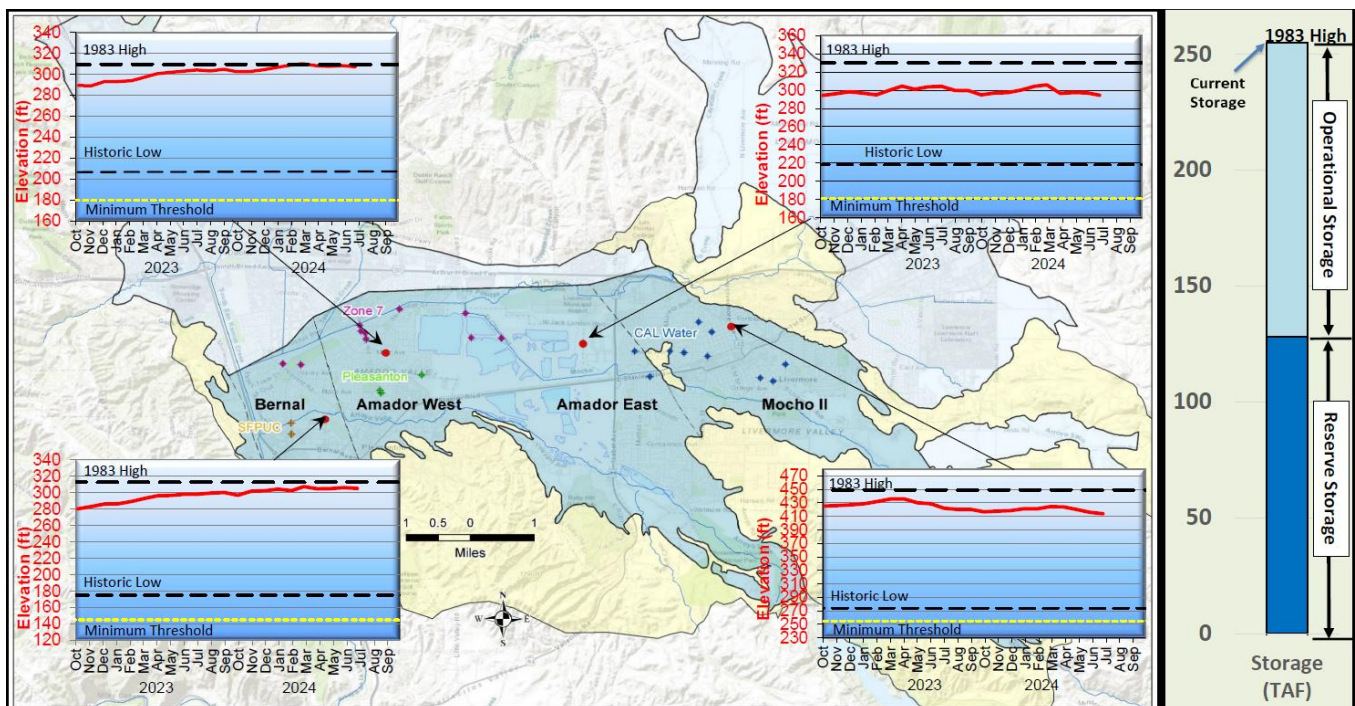
Jerry Brown
Executive Director
Sites Project Authority

Valerie Pryor
General Manager
Zone 7 Water Agency

Healthy Rivers and Landscapes: On July 24, the State Water Board released another draft update to its Bay-Delta Water Quality Plan, which includes two regulatory pathways: 1) a comprehensive Healthy Rivers and Landscapes (HRL) Program; and 2) a flow-only approach for parties not participating in the HRL Program. The HRL Program is a suite of actions designed to improve environmental conditions for fisheries and reduce impacts on water supply. It increases flows in rivers and the Delta, creates new habitat, and maintains water temperatures to support ecosystem health. It also provides funding from water agencies to implement these actions.

This is important to Zone 7 because the flow-only approach proposes 55% unimpaired flows for the Sacramento River and Delta tributaries. "Unimpaired flows" are defined as water flowing in streams that would occur if all runoff from the watershed remained in tributaries without dam storage or diversions. The flow-only proposal would result in an average 28% decrease in SWP supplies, with reductions even greater, 40-45%, in dry and below-normal years. The program is anticipated to be adopted by the end of the year.

Staff conducted monthly groundwater level measurements in July. Water levels are declining in the eastern portion of the basin, while remaining stable in the western portion. Total storage, including the portion below the Sustainable Groundwater Management Act (SGMA) minimum threshold, is approximately 255,000 AF (100% of the basin's total storage capacity). The estimated storage capacity above the minimum thresholds (operational storage) is 126,000 AF. The basin is currently at approximately 100% of its operational storage capacity (nearly 127,000 AF out of 126,000 AF).



Delta Conveyance Project (DCP): The DCP Change in Point of Diversion (CPOD) hearing process before the State Water Board's Administrative Hearing Office will resume on August 12. DWR is posting highlights of the CPOD hearings on its [website](#). The CPOD process is scheduled to continue through October.

Sites Reservoir: The Sites Reservoir Committee and Authority Board met on July 18. The Sites Authority provided updates on the major agreements: the Benefits and Obligations Contract, the Bylaws, and the Joint Powers Agreement. Key issues related to these agreements are being addressed in various project work groups, with the goal of finalizing them before investor commitment period begins.

Engineering and Water Quality:

Delivered Water PFAS Monitoring: Second-quarter PFAS sampling results indicate that PFAS levels in delivered water were below the detection limit. The quarterly report is available on the Zone 7 website at: <https://www.zone7water.com/pfas> (Direct link: www.zone7water.com/sites/main/files/file-attachments/pfas_q2_2025_summary_20250702.pdf).

Silver Oaks Pump Station Replacement: The Board awarded design services for the Silver Oaks Pump Station Replacement Project at the June Board meeting, and the consultant contract is now being prepared. The existing pump station has reached the end of its useful life and will be replaced and relocated to a new site with sufficient space to accommodate a new building, pumps, and electrical equipment. In the coming months, staff will work with the design consultant on preliminary design and site analysis for the new location.

Alamo Creek Bank Stabilization and Flood Management Pilot Project: The construction contract was awarded at the June Board meeting. Staff continues to address comments and inquiries from regulatory agencies. Permitting has taken longer than anticipated due to staffing shortages at these agencies. As a result, construction has been deferred to June 2026. The construction contract includes provisions to address this potential delay.

Operations and Maintenance:

Summer flood maintenance activities are ongoing, and goat grazing is underway.

The Computerized Maintenance Management System (CMMS) went live on August 4, 2025.

ORIGINATING SECTION: Office of the General Manager**CONTACT:** Donna Fabian**AGENDA DATE:** August 20, 2025**SUBJECT:** July Outreach Activities**SUMMARY:**

In alignment with the Agency's 2025–2029 Strategic Plan Goal G – Stakeholder Engagement, Zone 7 is dedicated to fostering understanding of community needs, the Agency, and its functions. Initiative #19 emphasizes transparency and effective communication as essential for building trust and upholding our commitment to customer service and integrity. The Agency provides proactive updates, promotes key initiatives, and engages stakeholders through public education campaigns, outreach programs, and digital tools. This report highlights progress and key activities that strengthen community relationships and advance these goals.

Communications Updates:

During the summer, communications and outreach partners have supported efforts to promote the Consumer Confidence Report (CCR), develop the Flood Master Plan, propose updates to the Conservation Rebate Program, and prepare for the fall launch of the Water Academy. A snapshot of the CCR launch in June and July is attached.

Press:

- Staff sent out the July [e-newsletter](#).
- Staff sent out two press releases:
[2024 Annual Consumer Confidence Report Confirms High Quality of Zone 7 Water](#)
[Zone 7 Water Agency Announces New Board Leadership](#)

Outreach Program Updates:**Schools' Program:**

The 2025–2026 school year is just around the corner!

Here are the start dates for local school districts:

- Pleasanton Unified School District begins on Thursday, August 7
- Dublin Unified School District begins on Tuesday, August 12
- Livermore Valley Joint Unified School District and San Ramon Valley Unified School District begin on Wednesday, August 13

Invitation emails will be sent to teachers in each district on their respective teacher workdays.

In-Person Events:

Pleasanton Palooza

Sunday, August 3, / 11:00 a.m. – 3:00 p.m. / Downtown Pleasanton

Zone 7 will host a booth at this new event celebrating Downtown Pleasanton. Streets will be closed to traffic so visitors can fully enjoy the festivities and explore local shops. Our booth will feature informational handouts, fun giveaways, and a family-friendly activity.

Dublin Farmers' Market

Thursday, August 7, / 4:00pm – 8:00pm / Emerald Glen Park, Dublin

Zone 7 will host a booth featuring rebate information and timely giveaways, including a bucket for collecting shower water while it warms up. A hands-on activity will engage families in conversations about responsible water use.

Pleasanton Farmers' Market

Saturday, August 9 / 9:00 a.m. – 1:00 p.m. / Angela Street, Pleasanton

Zone 7 will welcome market-goers at our booth with helpful information and a hands-on activity. Staff will share details about available rebates and offer timely giveaways—like our popular shower water collection buckets.

Livermore Farmers' Market

Thursday, August 14, / 4:00pm-8:00pm / Carnegie Town Square, Livermore

Zone 7 will host a booth to spark conversations about how to save water both indoors and outdoors. Visitors can learn about available rebates and pick up giveaways, including buckets for collecting shower water while it warms up and plate scrapers to help reduce water use in the kitchen.

For the most up-to-date schedule of public events, please visit www.zone7water.com/calendar.

ATTACHMENTS:

- July Social Media Dashboard
- July Website Dashboard
- CCR 2025 Launch Summary Report

Social Media Insights

01 Jul 25 - 31 Jul 25

Zone 7 Water Agency



Zone 7 Water Agency



Zone 7 Water Agency



Zone 7 Water Agency



Zone 7 Official

Followers

Zone 7 Water Agency

2465
+1.32%



1358

+0.00%

Facebook

789

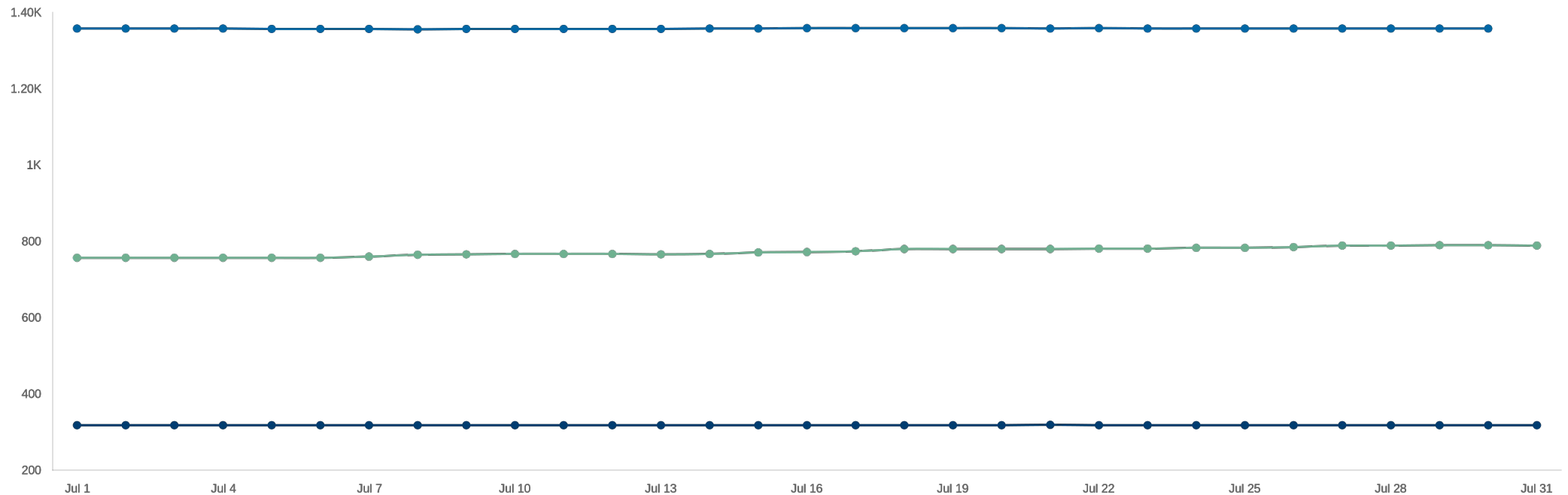
+4.23%

LinkedIn

318

+0.00%

Youtube



Jul 1 - Jul 31



Impressions

Zone 7 Water Agency

27.70K
-51.96%



24.25K

+388.42%

Facebook

3153

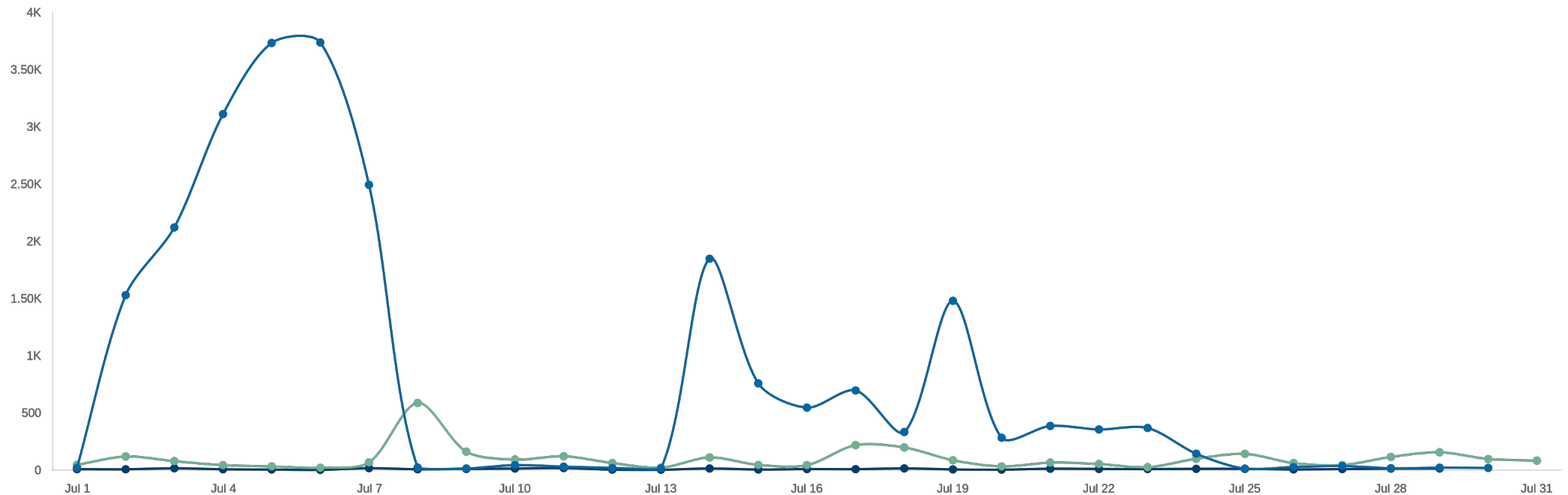
+63.20%

LinkedIn

303

-99.40%

Youtube



Jul 1 - Jul 31



Interactions

Zone 7 Water Agency

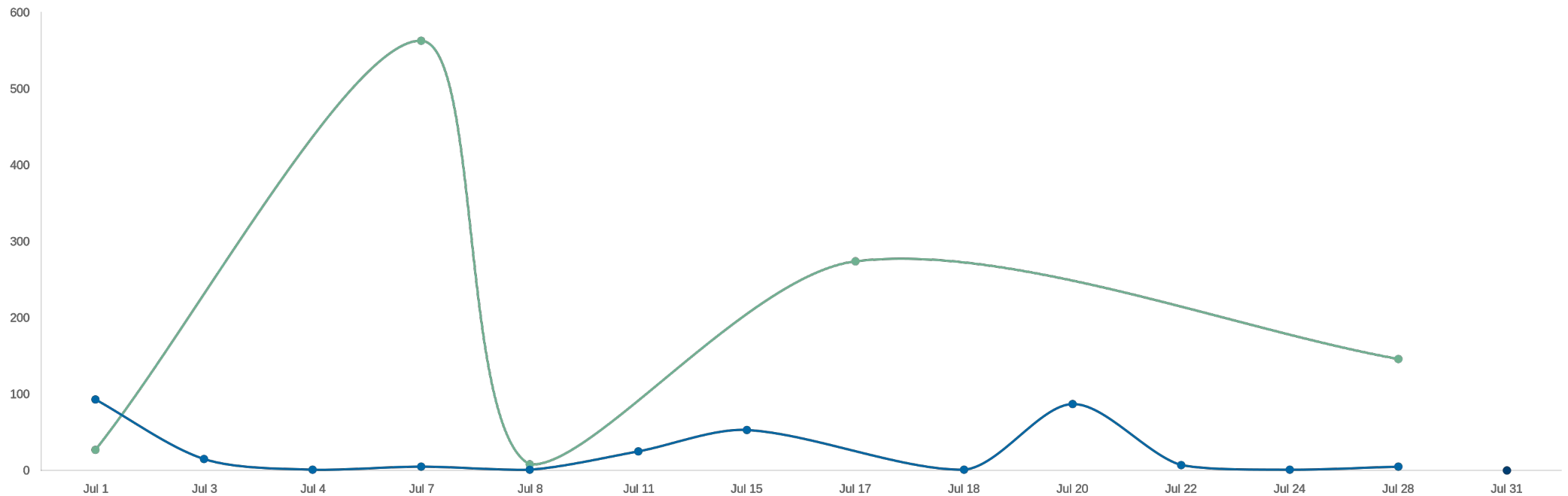
1312
+83.75%



294
+223.08%
Facebook

1018
+63.40%
Linkedin

0
Youtube



Jul 1 - Jul 31



Posts

Zone 7 Water Agency

18
+28.57%



13

+8.33%

Facebook

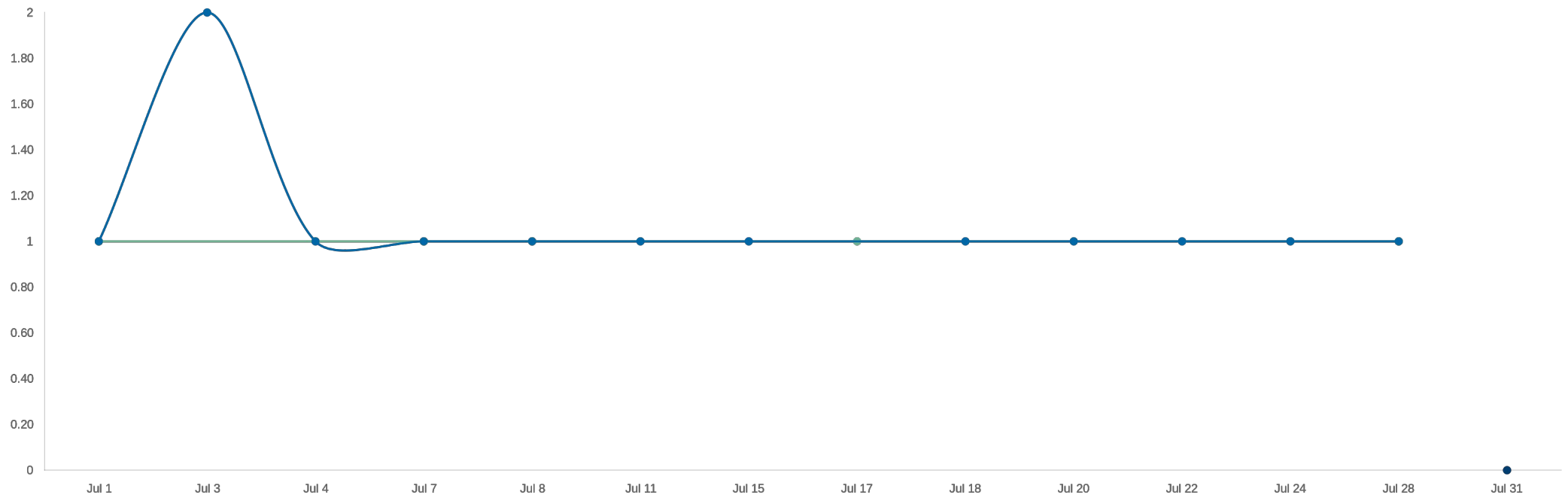
5

+150.00%

LinkedIn

0

Youtube















Jul 1 - Jul 31



Ranking of posts

















 Zone 7 Water Agency

Showing 18 posts sorted by impressions

Published		Text			Impressions	Interactions
Jul 01, 2025 13:54		It's here! 🌊 Get ready to dive into the latest on your tap water! 💧 Our 2024 Water Quality Report ...	Go		11.63k	93
Jul 15, 2025 15:51		Cheers to crystal-clear water! 🌊 Zone 7 proudly serves over 250,000 people in the Tri-Valley, and o...	Go		5200	53
Jul 03, 2025 17:07		It's that time of year again! 🌐 Appliance sales are heating up for the 4th of July, and it's the ...	Go		4747	15
Jul 20, 2025 15:05		California's water future is vital for us all! 🌉 The Delta Conveyance Project is key to securing a ...	Go		1659	87
Jul 07, 2025 18:42		Join our dynamic team as an Assistant Water Resources Planner and help shape sustainable water solut...	Go		1037	563
Jul 17, 2025 13:27		Are you an engineer looking to make a real impact on community water supply projects? Join Zone 7 Wa...	Go		684	274









Jul 1 - Jul 31



Published		Text			Impressions	Interactions
Jul 01, 2025 13:54		It's here! 🌊 Get ready to dive into the latest on your tap water! 💧 Our 2024 Water Quality Report ...	Go		421	27
Jul 08, 2025 15:02		Your water, your right to know! 📢 The 2024 Zone 7 Water Quality Report is hot off the press, packed...	Go		251	8
Jul 28, 2025 17:25		Ready to work with cutting-edge SCADA and PLC systems? Zone 7 is hiring an Instrument Technician II—...	Go		239	146
Jul 22, 2025 17:46		Ever wonder how we ensure every last drop of your water is clean and safe? 📄 Good news! Zone 7's 20...	Go		139	7
Jul 11, 2025 15:29		Our water future is at stake! 💧 Our Zone 7 General Manager, Valerie Pryor, explains in her recent P...	Go		72	25
Jul 03, 2025 17:27		-	Go		66	0
Jul 08, 2025 15:02		Your water, your right to know! 📢 The 2024 Zone 7 Water Quality Report is hot off the press, packed...	Go		47	1
Jul 04, 2025 12:02		Happy 4th of July! ☀️ While you're beating the heat with BBQs and pool parties, remember to stay wat...	Go		47	1

Jul 1 - Jul 31

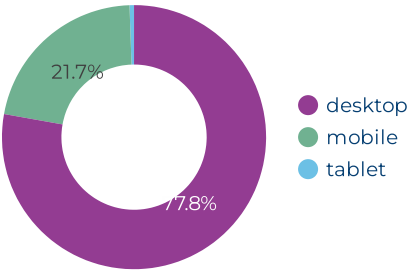


Published		Text			Impressions	Interactions
Jul 28, 2025 15:20		Ever wonder how the Tri-Valley plans to keep the water flowing for generations to come? 🗣️ Our water...	Go		43	5
Jul 07, 2025 14:06		By complementing other major components of state and federal water projects like Shasta Lake and Lak...	Go		40	5
Jul 24, 2025 16:40		Curious about what's happening with water in the Tri-Valley? 🗣️ Get the inside scoop directly in you...	Go		33	1
Jul 18, 2025 14:02		Summer is HERE, and your pool is calling! ☀️ Get it ready for all those backyard BBQs with a little ...	Go		25	1

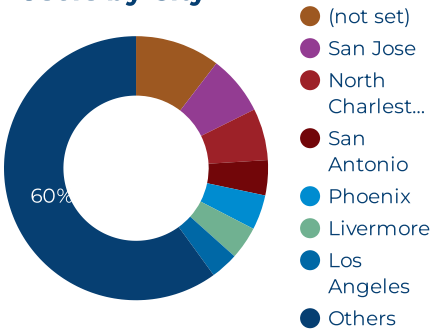
Highlights:



Device Type:



Users by City



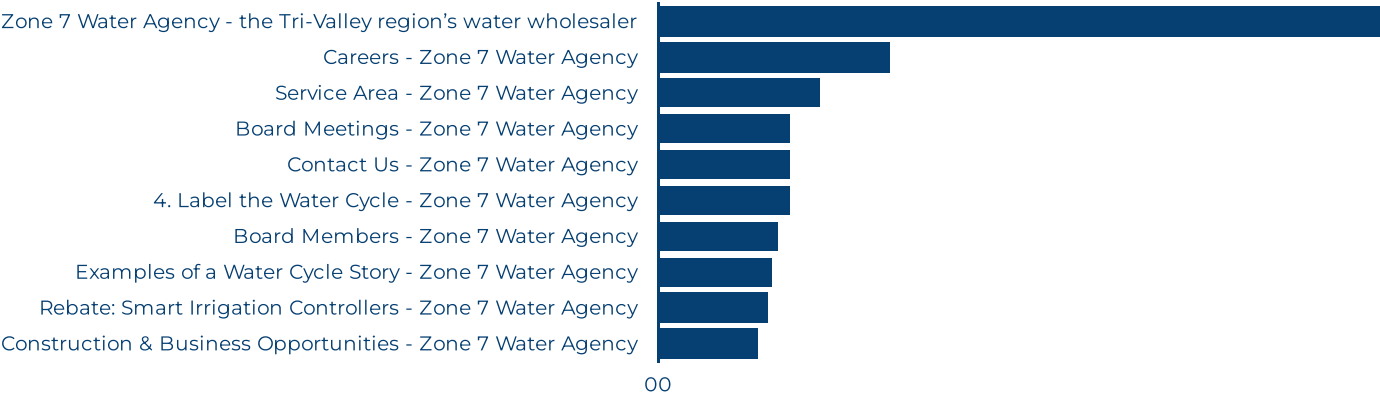
Most visited pages on the website - users and pageviews

	Page title	Views	Total users
1.	Page not found - Zone 7 Water Agency	1,646	323
2.	Zone 7 Water Agency - the Tri-Valley region's water wholesaler	1,640	1,110
3.	Careers - Zone 7 Water Agency	874	518
4.	Construction & Business Opportunities - Zone 7 Water Agency	347	202
5.	Board Meetings - Zone 7 Water Agency	333	210
6.	Annual Water Quality Reports - Zone 7 Water Agency	309	222
7.	Rebate: Pool Cover - Zone 7 Water Agency	218	154
8.	Service Area - Zone 7 Water Agency	215	159
9.	4. Label the Water Cycle - Zone 7 Water Agency	207	167
10.	Contact Us - Zone 7 Water Agency	175	111
11.	Upcoming Events Calendar - Zone 7 Water Agency	146	107

Acquisition source/medium - where traffic sessions come from

	Session source	Session medium	Sessions
1.	(direct)	(none)	2,113
2.	google	organic	1,996
3.	bing	organic	352
4.	FB	AD	87
5.	cityofpleasantonca.gov	referral	83
6.	MAILCHIMP	NEWS	72
7.	dsrsd.com	referral	66
8.	ig	paid	41
9.	an	paid	40
10.	linkedin.com	referral	39

Pages with the most time spent by users



Facebook Analytics

Total Posts

13

↑ 8.3%

Engagement

83.62

↑ 39.0%

Page Followers

1,358

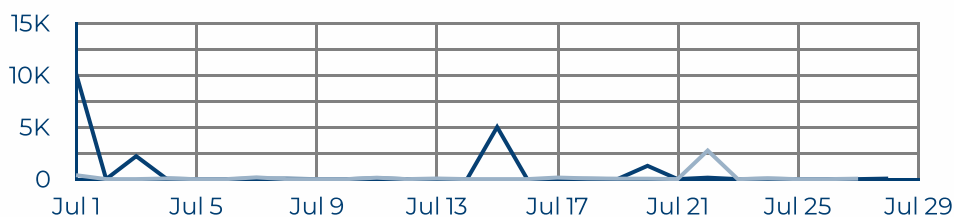
0.0%

Impressions

24,334

↑ 390.2%

Facebook Daily Average Reach per Post



Paid Reach

20,528

↑ 651.9%

Organic Reach

788

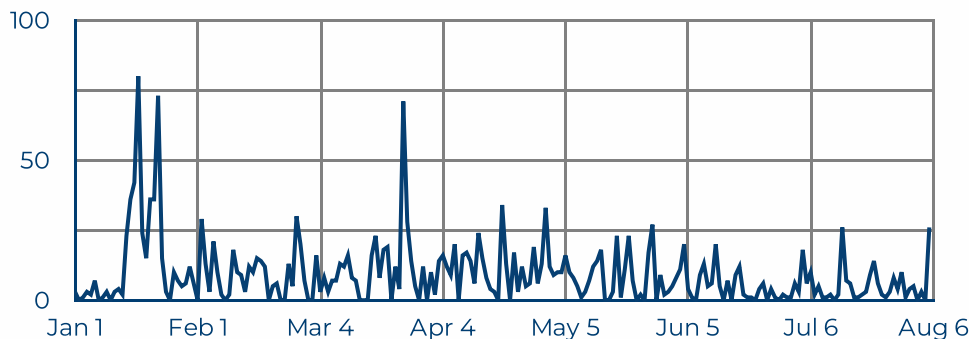
↓ -28.8%

Total Reach

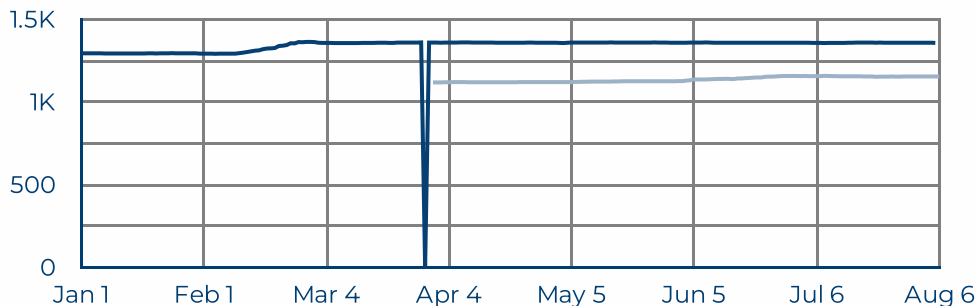
21,314

↑ 438.4%

Facebook Page Visits



Facebook Page Followers - Year-to-Date Growth



Mailchimp Delivery Analytics

Total Eblasts Sent

2

Total Deliveries

1,759

Avg. Open Rate %

44.3%

Total Clicks

445

New Signups

0

Monthly YouTube Performance

Total Views

317

Watch Time (Minutes)

306.67

Average View Duration

00:00:49

Top Five Videos of Month

Video Title	Views
Groundwater Recharge - Wondrous World of Water	117
Wondrous World of Water - Ion Exchange PFAS Treatment	73
Test the Waters: Get in the Zone	25
Wondrous World of Water - Ozone Treatment	19
Tri-Valley Water Partners_Our Water's Journey	10

Insights & Opportunities

Website Summary:

Website traffic rebounded slightly in July, signaling renewed engagement following June's seasonal dip. Sessions and user counts remained relatively steady, while total page views increased by over 14%. Despite a small decrease in total engagement time, the engagement rate improved, showing that visitors remained actively involved with site content. Top-performing pages included key resources such as the Careers page, Water Quality Reports, and the Annual CCR report, aligning with timely seasonal content.

Website Highlights:

- **Traffic Recovery:** Total page views increased to **11,148 (+14.5%)**, reflecting improved engagement after the June slowdown. Sessions (5.4K) and new users (3,247) both saw modest growth.
- **Steady Engagement:** The website maintained a strong **engagement rate of 56.56% (+1.3%)**, indicating sustained user interest.
- **Top Pages:** Significant attention was given to the **Careers, Board Meetings, and Annual Water Quality Reports** pages—suggesting strong public interest in transparency and employment opportunities.
- **Search & Direct Dominated:** The majority of traffic came from **Direct visits (2,091 sessions) and Google Organic (1,973)**, confirming the continued importance of SEO and brand recognition.

Social Media Summary:

July saw a major rebound in overall reach and impressions, driven by a return to paid advertising campaigns. Impressions soared by **388%** and paid reach jumped by over **650%**, signaling successful reactivation efforts. Despite a dip in organic reach (-32.8%), engagement per post climbed significantly, reinforcing the value of promoted and timely content.

Social Media Highlights:

- **Boosted Performance:** Total reach grew to **21,275 (+438.2%)** with impressions at **24,245 (+388.4%)** thanks to renewed ad efforts.
- **Improved Engagement:** Average engagement per post climbed to **88.7 (+47.1%)**, driven by refreshed content strategy and boosted posts.

Mailchimp Summary: Email performance in July was consistent with past months. Open rate held steady at 44.3%, while click-through volume improved, reaching 445 total clicks.

- **Key Metrics:** Total Eblasts Sent: 2 Total Deliveries: 1,759 Average Open Rate: 44.3% Total Clicks: 445

YouTube Summary:

YouTube engagement tapered in July, with viewership and total watch time down sharply compared to previous months due to a pause in paid advertising. Nonetheless, average view duration increased, indicating that the smaller audience was more focused.

Opportunities for August 2025

1. **Expand on Paid Campaign Success:** July's significant growth in impressions and reach was largely driven by reactivated paid campaigns. In August, continue to invest in paid media, particularly focusing on promoting the CCR report, ongoing conservation tips, and back-to-school educational resources.
2. **Reinvigorate Organic Engagement:** Despite high impressions, organic reach fell by 33%. To rebalance, supplement paid content with more interactive organic posts—such as behind-the-scenes looks at infrastructure, community spotlights, and seasonal conservation challenges (e.g., “How are you saving water this summer?”). Aim to post more frequently and explore newer formats (e.g., Stories, Reels) to re-engage your core follower base.
3. **Rebuild Momentum for YouTube:** July YouTube performance dropped significantly. Consider repackaging older, high-performing educational videos into short clips or topic-focused playlists to re-capture interest. Launch a mini-series or Q&A session with Zone 7 around FAQs (e.g., water quality, PFAS, drought planning) to reintroduce viewers to the channel in a relatable format.
4. **Re-engage Email Audience with Thematic Series:** With no new signups in July, explore opportunities to attract new subscribers by promoting newsletter signups via social and website banners. In August, deploy a themed email series (e.g., “5 Ways to Save Water This Summer”, Back to School, FAQs Answered) to drive clicks and open rates further.
5. **Leverage Back-to-School Season:** With the school year beginning in late August, now is the time to push educational content tied to water science and conservation. Promote lesson plans, interactive worksheets, and student activities via the website and social channels. Consider partnerships with local schools or libraries to increase exposure of Water Academy materials and digital resources.



2024 CONSUMER CONFIDENCE REPORT SUMMARY

Zone 7 Water Communications worked collaboratively with the Water Quality Division to create and distribute the Annual Consumer Confidence Report, also referred to as the Annual Water Quality Report, to educate the community about their water's treatment, testing, results, and more.

OBJECTIVES

- 1) To provide the Tri-Valley residents with an accessible, easy-to-read report that educates them about their drinking water's journey, testing and treatment processes, and results.
- 2) To help the community understand the need for capital project funding by explaining the extensive testing methods used at our treatment facilities, including the newest PFAS Treatment Facility at Chain of Lakes.
- 3) To openly communicate comprehensive water quality information, affirming Zone 7's commitment to transparency while delivering safe drinking water to the Tri-Valley.

IMPLEMENTATION

The 2024 Annual Consumer Confidence Report (CCR), also known as the Annual Water Quality Report, was collaboratively developed by Zone 7 Water Communications and the Water Quality Division. This comprehensive report, detailing the Tri-Valley's rigorous water treatment processes, testing results, and important information on PFAS and groundwater management, was published on the Zone 7 website at zone7water.com/post/annual-water-quality-reports and a corresponding press release was distributed.

To ensure maximum accessibility and public awareness, the report was actively promoted across Zone 7's digital platforms, including organic social media channels. This strategic outreach aimed to direct residents to the online report, making it easier for the community to access. The campaign highlighted the agency's proactive investments in infrastructure, specifically the newest PFAS Treatment Facility at Chain of Lakes, ensuring the Tri-Valley's drinking water remains safe.

RESULTS - 43,476 GROSS IMPRESSIONS

Web Page Traffic

412 page views/273 users

Facebook Engagement

Facebook: 4,729 accounts reached

LinkedIn Engagement

LinkedIn: 791 impressions/41 clicks

YouTube Video Performance

16,888 paid impressions/12,051 organic impressions

6,289 NEW groundwater video views/7,726 clicks/7 website clicks + 413 NEW PFAS Timeline video views/596 clicks/1 website click

MailChimp E-Newsletter

883 sends/409 opens

On the following pages, we have included samples of all updated assets and links to where you can view videos, infographics, this year's press release and other outreach materials.

Z7 WATER QUALITY REPORT

Learn more about

THE WONDROUS WORLD of WATER

2024 Annual Consumer Confidence Report

Zone 7 provides high-quality water to four major water retailers, along with a small number of direct customers, serving over a quarter-million people in the Tri-Valley including Pleasanton, Livermore, Dublin and the Dougherty Valley area of San Ramon.

Working collaboratively with our retail partners, we are able to make a world of difference by ensuring our water supply is safe, clean and sustainable.



All Zone 7 water supplied in 2024 met the regulatory standards set by the state and federal governments and, in almost all cases, the quality was significantly better than required.



WHERE DOES THE TRI-VALLEY'S WATER COME FROM?

Water that flows from your tap originates from a number of sources – including snowpack, rainfall and groundwater aquifers.

IMPORTED SURFACE WATER - The majority of our water supply originates as Sierra Nevada snowmelt and is conveyed by the State Water Project through the Delta and then via the South Bay Aqueduct.*

LOCAL SURFACE WATER - This is comprised of local rain runoff stored in Lake Del Valle.

GROUNDWATER - This supply, carefully managed by Zone 7, is pumped from the aquifer that underlies the Livermore-Amador Valley; water in the aquifer comes from local rainfall and from strategic recharges made with imported water to ensure access during dry years.

If any public outreach materials, source water reports or watershed sanitary surveys are available, please contact Angela O'Brien at 925-454-5748 or angela@zone7water.com.

For any more information or have any questions, please contact Angela O'Brien at 925-454-5748 or angela@zone7water.com.

Each year, we store surplus State Water Project supplies in Lake Del Valle and offsite groundwater basins for use when needed, ensuring water availability during droughts.





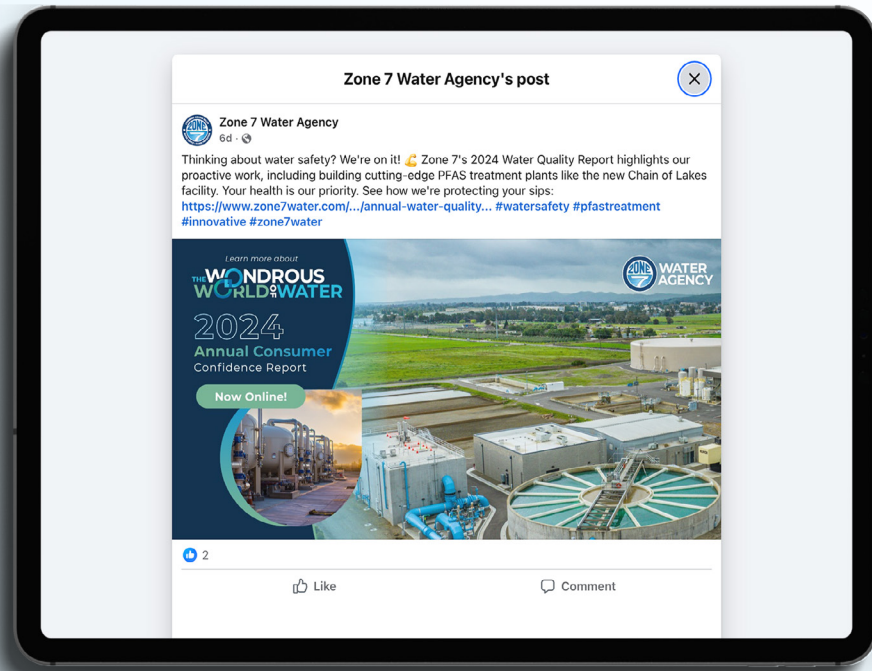
GROUNDWATER RECHARGE

Learn how we use imported surface water to recharge our local groundwater basin.

Download

Z7 WATER QUALITY REPORT FACEBOOK GRAPHIC

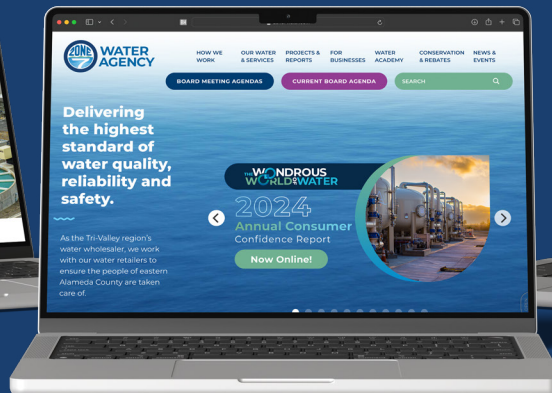
Download



Z7 WATER QUALITY REPORT NEXTDOOR, HOMEPAGE SLIDER, & YOUTUBE THUMBNAIL GRAPHICS



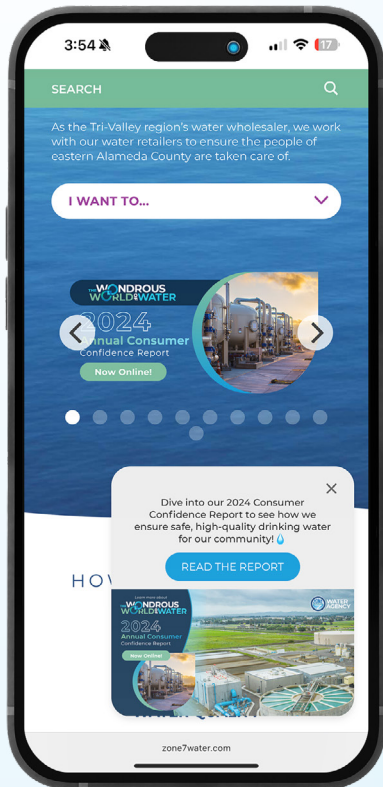
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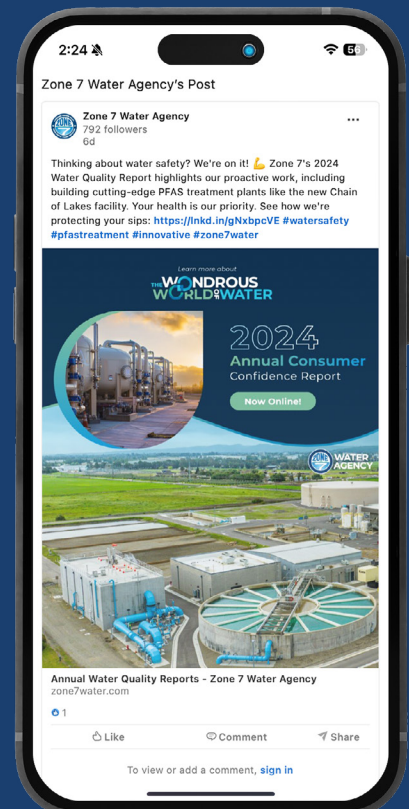
Download



ELFSIGHT POPUP

LINKEDIN GRAPHIC

Download



PRESS RELEASE DOCUMENT

Download



PRESS RELEASE POSTING

View



ORIGINATING SECTION: Integrated Planning

CONTACT: Sal Segura/Neeta Bijoor

AGENDA DATE: August 20, 2025

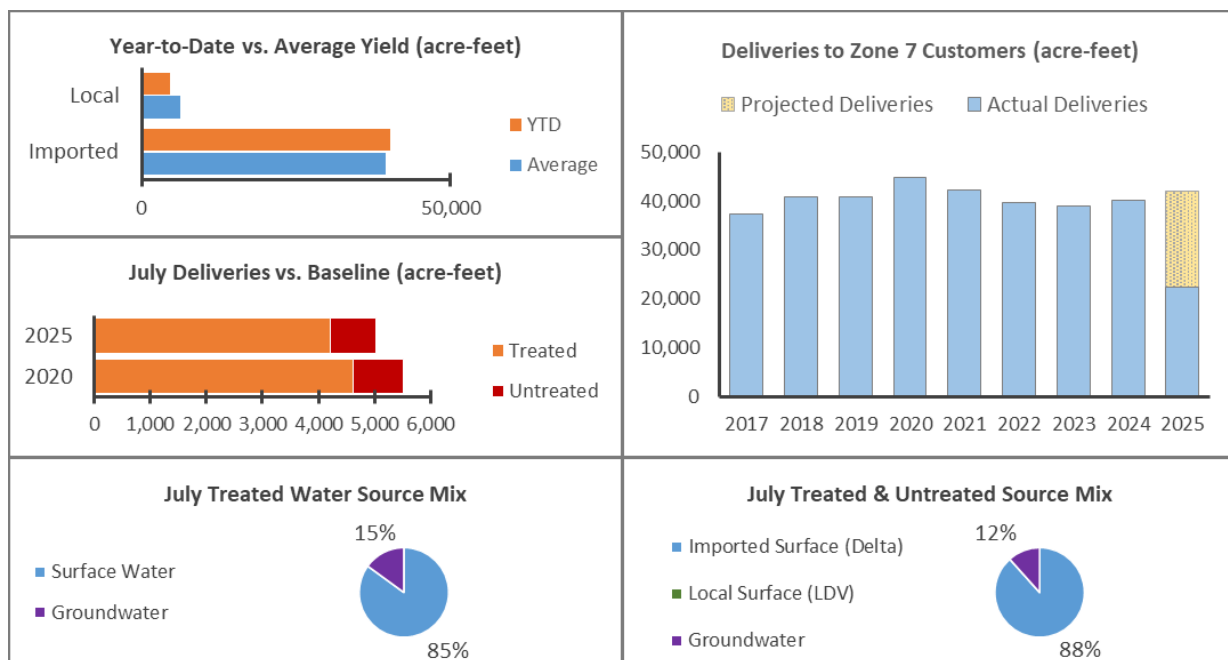
SUBJECT: Monthly Water Inventory and Water Budget Update

SUMMARY:

To support the mission to deliver safe, reliable, efficient, and sustainable water, Zone 7 Water Agency manages its water supply portfolio. This report summarizes current water supply, usage, and storage conditions to support Strategic Plan Goal B – Reliable Water Supply and Infrastructure and promote Strategic Plan Initiative #5 to develop a diversified water supply plan and implement supported projects and programs.

The 2025 Annual Review of the Sustainable Water Supply Report, which discusses an overall analysis of the annual water supply, was presented to the Board on April 16. A summary of long-term water supply planning is also included in the Urban Water Management Plan (UWMP), which is updated every five years to assess water supply reliability on a 20-year time horizon. The next update of the 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 2025 Water Supplies, Deliveries, and Available Water



ZONE 7 WATER INVENTORY AND WATER BUDGET (July 2025)

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

- Monthly totals: 5,020 acre-feet (AF) delivered to customers (4,220 AF treated production and 800 AF estimated untreated deliveries).
- Total treated water production increased by 8% compared to last month.
- Treated water sources were 85% surface water and 15% groundwater this month.
 - Treatment plant production was 37.7 million gallons per day (MGD).
 - Wellfield production was 6.7 MGD.

Comparison of Demands: 2025 vs 2020 baseline *(See Table 1)*

- In July 2025, Zone 7's overall water demands were 9% lower than July 2020: treated water production was 8% lower, and estimated untreated deliveries were 11% lower.

Table 1: July 2025 comparison – Treated and Untreated Demands

	Treated Production	Untreated Delivery	Total
July 2025 (AF)	4,220	800	5,020
July 2020 (AF)	4,610	900	5,510
July 2025 vs July 2020	8% lower	11% lower	9% lower

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

- The SWP allocation remains at 50%, which amounts to 40,310 AF for Zone 7. Zone 7 has 35,520 AF of its 2025 Table A water allocation remaining.

Table 2: Available Water Supplies (as of August 1, 2025)

Sources of Water Supplies	Acre-Feet (AF)
Table A	35,520
Water Transfers/ Exchanges	0
SWP Carryover Water	0
Lake Del Valle (Carryover + New Yield)	5,320
Livermore Valley Groundwater Basin (AF above Minimum Thresholds)	126,900
Kern Storage and Recovery Programs	100,600
Total	268,340

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.
- The Basin level has peaked and is approximately 100% of operational storage capacity.
- It is important to note that not all the storage above the Minimum Thresholds 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 has limited the use of some wells.
- In July, the total pumping from Zone 7's wellfields was approximately 630 AF, making up 15% of the treated supply.
- Estimated groundwater basin outflow on the west side of the Basin is 131 AF in July. This groundwater spills into Arroyo De La Laguna due to a high groundwater level near the arroyo.
- In July, Zone 7 released 550 AF to Arroyo Valle for artificial recharge and keep live stream.

Stream Outflow*(See Table 3)*

- Surface runoff did not exceed the 10 cubic feet per second (CFS) baseflow at Arroyo De La Laguna at the Verona stream gauge in July.
- Note: Some surface outflow from the Livermore-Amador Valley is mandated for other downstream purposes.

Local Precipitation

(See Figure 7)

- No precipitation was recorded at Livermore Airport in July.
- As of July 31, Livermore received 10.28 inches of rain or 71% of average in Water Year-to-Date.

Sierra Precipitation

(See Figure 8)

- 0.5 inches of precipitation was recorded in the Northern Sierras in July. Historical average precipitation in July is 0.0 inches.
- Cumulative precipitation in the Northern Sierra in Water Year 2025 is 55.4 inches as of August 1, or 105% of the seasonal average-to-date.

Sierra Snowpack

(See Figure 9)

- As of mid-June, DWR stopped reporting on snowpack. It is anticipated that DWR will resume snowpack reporting around December 2025, pending storm activity.

Lake Oroville

(See Figure 10)

- As of July 31, 2025, Lake Oroville storage is 80% of total capacity, representing 116% of average storage conditions for this date of the year.
 - Storage: 2,730,626 AF
 - Storage as a percentage of total capacity decreased by 15% over the month of July.

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 2,041,000 AF, and the SWP's share of the total capacity is 1,062,180 AF. As of July 31, 2025, the total reservoir storage is 773,397 AF, of which approximately 480,000 AF belongs to SWP. Currently, the SWP's share of the reservoir capacity is 45% full.

Lake Del Valle

(See Table 3 and Figure 6)

- Lake Del Valle holds 38,300 AF as of July 31, 2025.
- Zone 7's estimated water storage in Lake Del Valle at the end of July is approximately 5,300 AF.

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.

	2024 Jan-Dec	2025 Jul	2025 - YTD Jan-Dec
Source			
Incoming Supplies			
State Water Project (SWP) - Table A	23,140	4,790	4,790
State Water Project - Article 21	0	0	0
Lake Del Valle Local Water	5,290	0	7,790
Water Transfers/Exchanges	0	0	0
Subtotal	28,430	4,790	12,580
From Storage			
State Water Project - Carryover	25,240	150	9,170
Livermore Valley Groundwater Basin	3,580	630	2,250
Kern Storage and Recovery Programs	0	0	0
Subtotal	28,820	780	11,420
Total Supply	57,250	5,570	24,000
Water Use			
Customer Deliveries			
Treated Water Demand ¹	35,440	4,220	19,990
Untreated Water Demand	4,380	800	2,430
Subtotal	39,820	5,020	22,420
To Storage			
Livermore Valley Groundwater Basin Recharge	6,180	550	1,580
Kern Storage and Recovery Programs	10,000	0	0
Subtotal	16,180	550	1,580
SWP Transfer			
Napa County Repayment ²	1,250	0	0
Total Water Use	57,250	5,570	24,000
Available Water Supplies			
Incoming Supplies	End-of-2024		
SWP - Table A (%)	40%	50%	50%
SWP - Table A Remaining	0	35,520	35,520
Water Transfers/Exchanges	0	0	0
Subtotal	0	35,520	35,520
Storage Balance	End-of-2024		
SWP Carryover	9,170	0	0
Lake Del Valle Local Water	8,550	5,320	5,320
Livermore Valley Groundwater Basin ³	124,000	126,900	126,900
Kern Storage and Recovery Programs	100,600	100,600	100,600
Subtotal	242,320	232,820	232,820
Total Available Water	242,320	268,340	268,340
Watershed Conditions	End-of-2024		
Precipitation at Livermore Station (in) ⁴	16.1	0.00	5.87
Lake Del Valle Local Water Net Yield	9,290	0	4,580
Measured Change in Groundwater Basin Storage	0	-800	2,900
Surface Water Outflow ⁵	43,910	0	11,620

¹ Includes a small amount of unaccounted-for water.

² In 2024, Zone 7 repaid Napa County for a water exchange agreement executed in 2020.

³ Storage volume is based on most recent groundwater level data; amount shown excludes 128,000 AF of storage below the minimum thresholds.

⁴ Local precipitation reported in Table 3 for 2025YTD is reported on a calendar year basis.

⁵ 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)

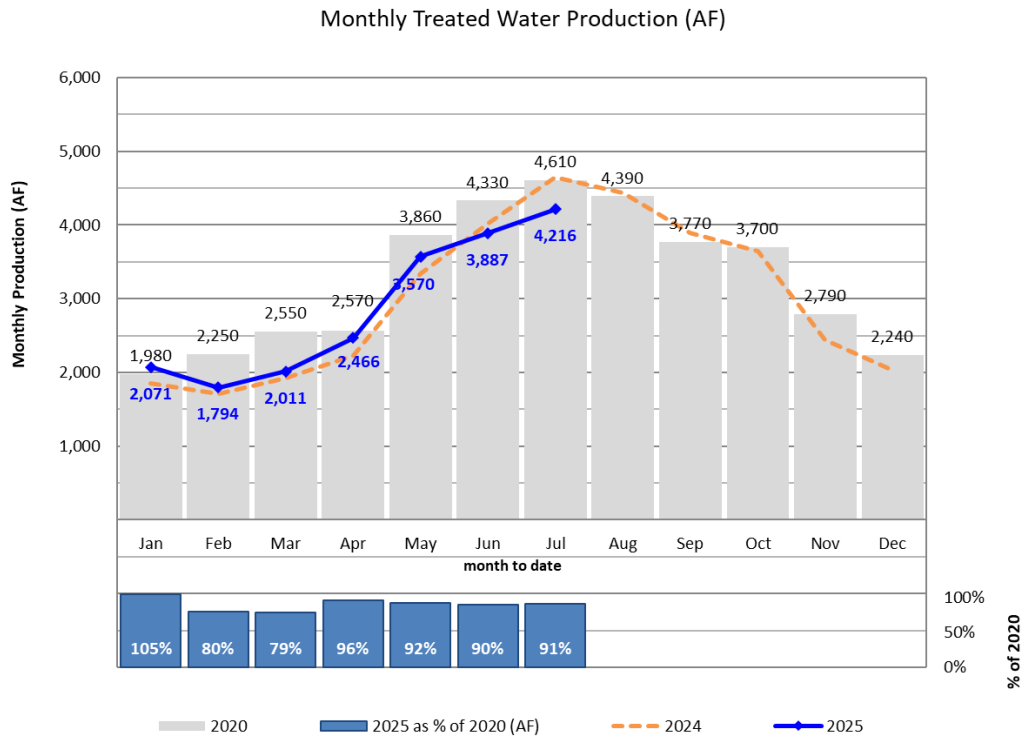
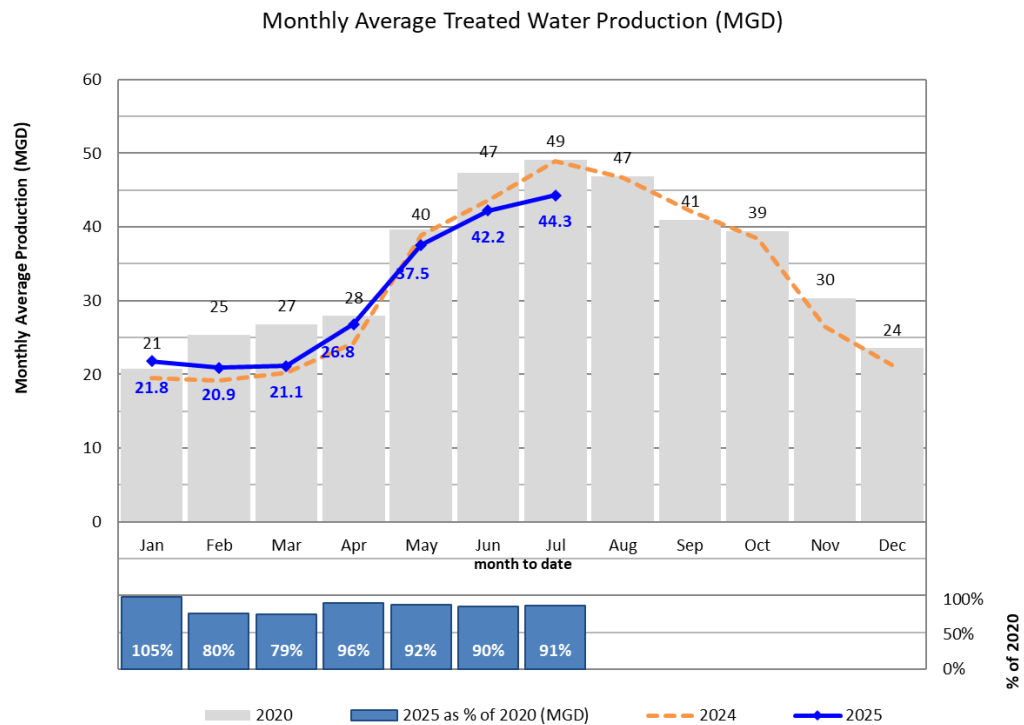
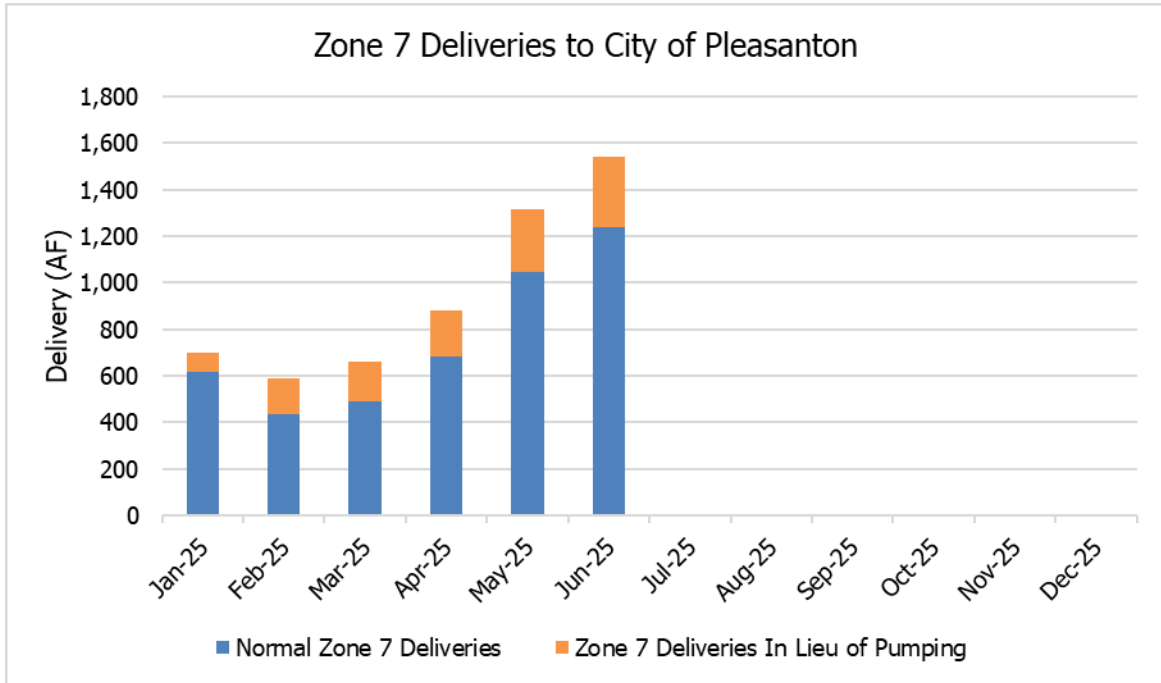


Figure 2: Monthly Treated Water Production in Average Million Gallons Per Day (MGD)

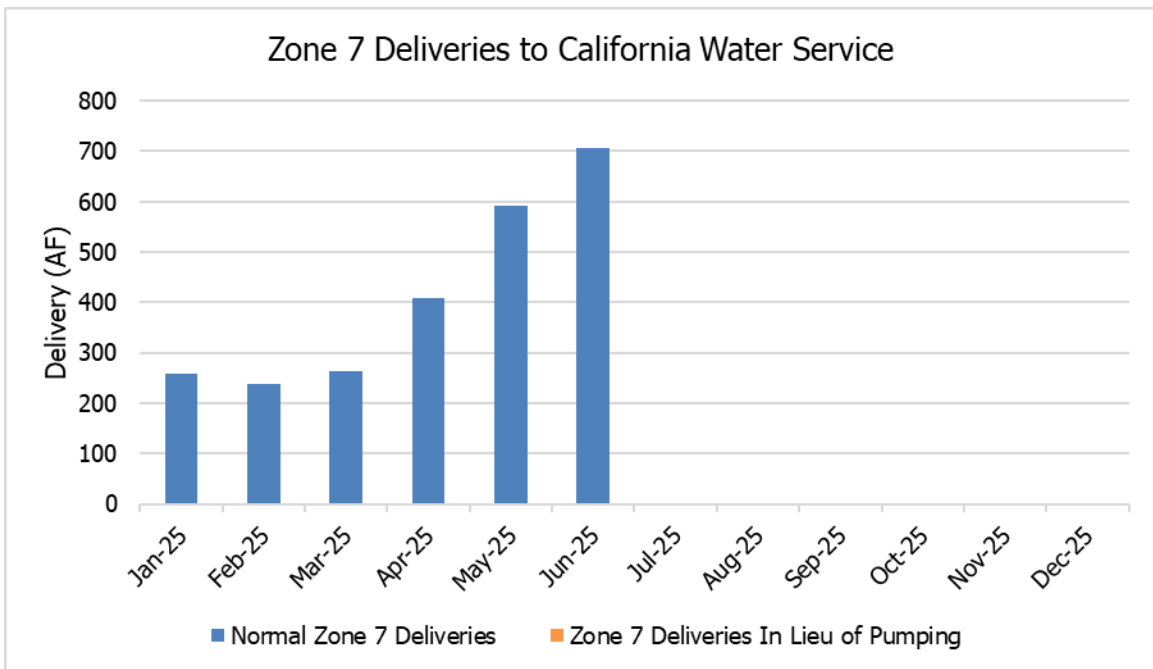


**Figure 3: Pleasanton Estimated In-Lieu Demand
(Based on 2018-2021 Pumping)**



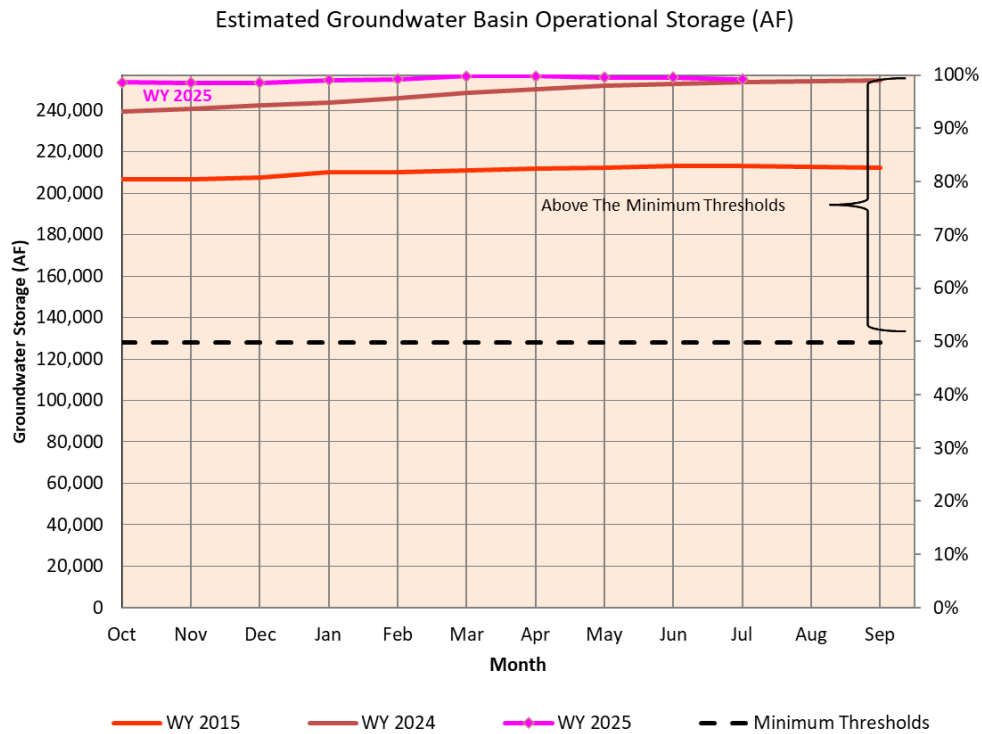
**Pleasanton's pumping data for July is not yet available and will be reflected in future inventories.*

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



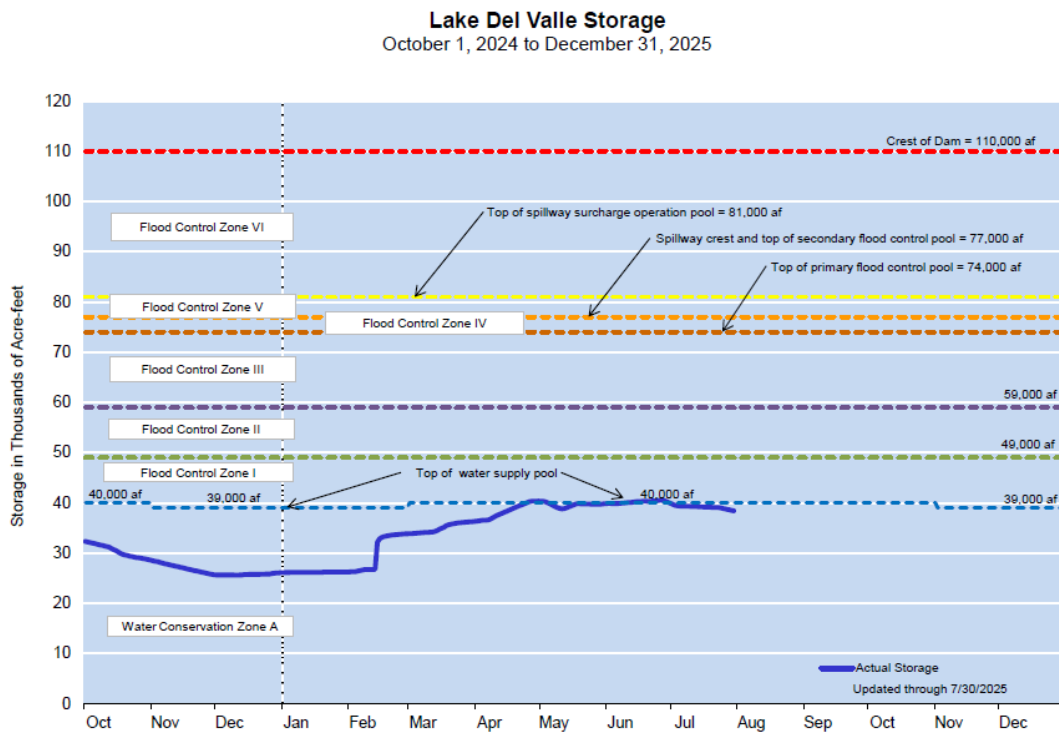
**Cal Water's pumping data for July is not yet available and will be reflected in future inventories.*

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



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

Figure 7: Local Precipitation

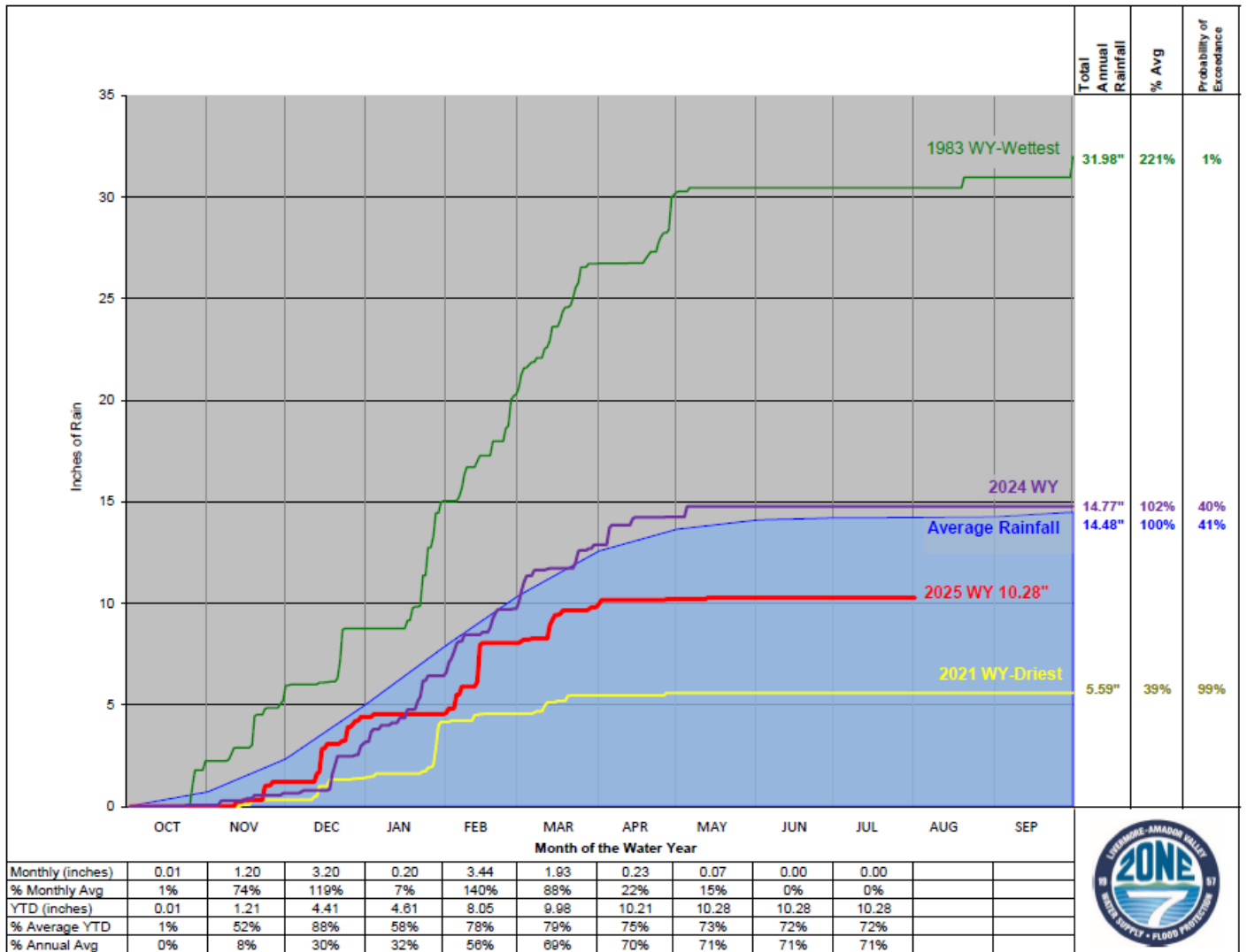
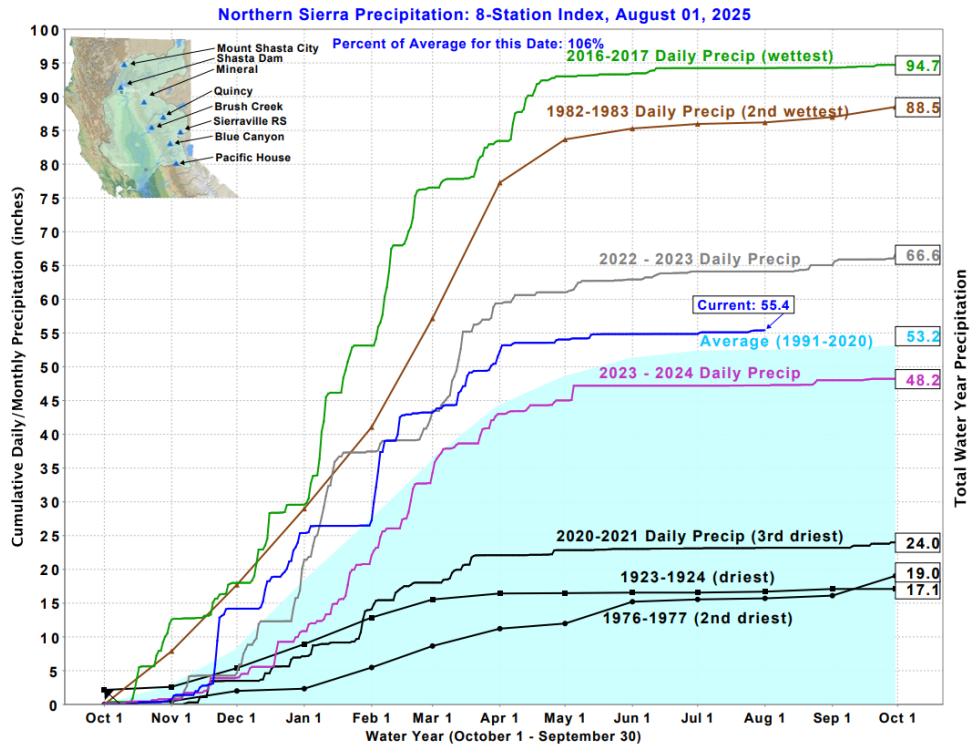


Figure 8: Cumulative Precipitation in the North Sierra



Source: http://cdec.water.ca.gov/cgi-progs/products/PLOT_ESI.pdf

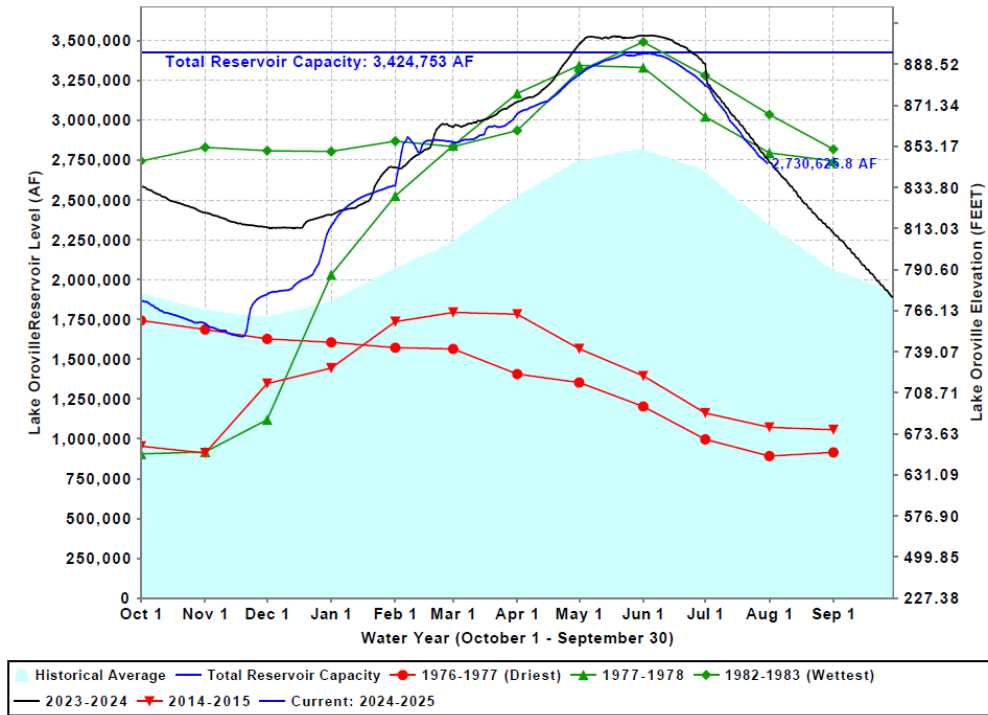
Figure 9: Sierra Snowpack

DWR has stopped reporting snowpack for the season.
Snowpack reports are expected to resume in December 2025.

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

Figure 10: Lake Oroville Storage

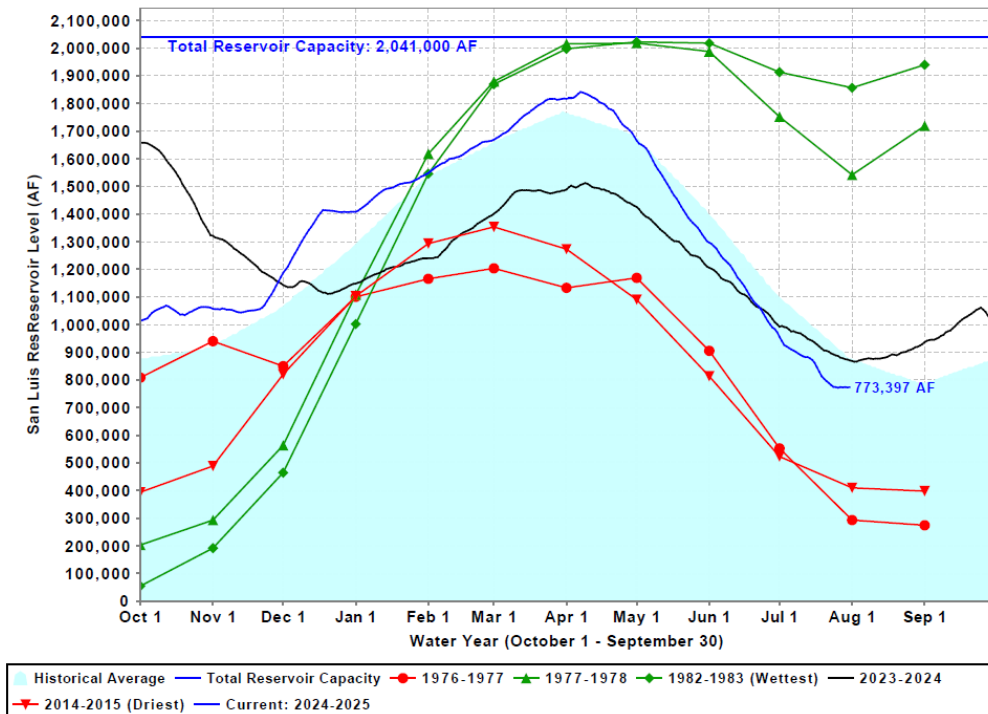
Lake Oroville Levels: Various Past Water Years and Current Water Year, Ending At Midnight July 31, 2025



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 July 31, 2025



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

ORIGINATING SECTION: Engineering

CONTACT: Brandon Woods/Edward Reyes/Mona Olmsted

AGENDA DATE: August 20, 2025

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 6, 7, 9, 10, and 13, 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.

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 – August 20, 2025

Water Supply System Projects:

Project Name/Purpose	Scope/Funding Source	Project Cost and Budget	Target Dates / Operating Impact	Current Status								
Asset Management Plan (AMP) Update and Ten-Year Capital Improvement Plan (CIP) Purpose/Benefits: <ul style="list-style-type: none">The AMP identifies and documents system-wide near- and long-term renewal, replacement, and improvement projects and funding strategies.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.	Scope: Prepare the AMP Update and Ten-Year CIP documents, including: <ul style="list-style-type: none">Conduct facility condition assessments and pipeline risk analysis to prepare a prioritized list of capital projectsEvaluate and recommend annual funding levels and associated impacts to Zone 7’s ratesDevelop a CIP framework that aligns with Zone 7’s vision and mission as outlined in the Strategic PlanUpdate project descriptions, justifications, cost estimates, project schedules, and funding sources for each project in the Ten-Year CIP Funding Sources: This project is funded by a combination of water rates and new connection fees: <ul style="list-style-type: none">\$902,000, Fund 120\$250,000, Fund 130	Original Total Estimated Cost: \$660,000 Current Total Estimated Cost: \$1,160,000 Total Budget: \$1,160,000 Total Expenditures: \$520,000 <table><tr><th colspan="2">Planning Costs</th></tr><tr><td>Budget</td><td>\$1,160,000</td></tr><tr><td>% Spent</td><td>45%</td></tr><tr><td>% Complete</td><td>45%</td></tr></table>	Planning Costs		Budget	\$1,160,000	% Spent	45%	% Complete	45%	Completion: November 2025 Projected Operating Impact: Increased operational effectiveness, reliability, safety, and cost-effectiveness.	Staff prepared the CIP project summary sheets and will assess project priorities and fiscal impacts. After the project list is finalized, the AMP and CIP reports will be prepared. Staff plans to present the draft AMP Update and Ten-Year CIP to the Board in fall 2025.
Planning Costs												
Budget	\$1,160,000											
% Spent	45%											
% Complete	45%											

Project Name/Purpose	Scope/Funding Source	Project Cost and Budget	Target Dates / Operating Impact	Current Status																
Chain of Lakes (COL) PFAS Treatment Plant Purpose/Benefits: <ul style="list-style-type: none">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.	Scope: <ul style="list-style-type: none">Install ion exchange vessels for the removal of PFASPiping, instrumentation, electrical, concrete, underground pile foundation system, and other site improvements Funding Sources: <ul style="list-style-type: none">100% of design cost is funded from Fund 120 – Renewal/ Replacement and System-Wide ImprovementsConstruction cost (approximately \$22M) is financed through bonds	Original Total Estimated Cost: \$25,800,000 Current Total Estimated Cost: \$24,400,000 Total Budget: \$24,400,000 Total Expenditures: \$20,900,000 <table><tr><th colspan="2">Planning & Design Phase Costs</th></tr><tr><td>Budget</td><td>\$2,300,000</td></tr><tr><td>% Spent</td><td>80%</td></tr><tr><td>% Complete</td><td>100%</td></tr></table> <table><tr><th colspan="2">Construction Phase Costs</th></tr><tr><td>Budget</td><td>\$22,100,000</td></tr><tr><td>% Spent</td><td>85%</td></tr><tr><td>% Complete</td><td>100%</td></tr></table>	Planning & Design Phase Costs		Budget	\$2,300,000	% Spent	80%	% Complete	100%	Construction Phase Costs		Budget	\$22,100,000	% Spent	85%	% Complete	100%	Completion: May 2025 Projected Operating Impact: Improved water quality, improved reliability, and increased operational flexibility. Increased operating costs, with an annual average cost of approximately \$300,000.	All construction is complete. Project closeout is in progress. Working with the contractor to address contractual obligations associated with the one-year delay.
Planning & Design Phase Costs																				
Budget	\$2,300,000																			
% Spent	80%																			
% Complete	100%																			
Construction Phase Costs																				
Budget	\$22,100,000																			
% Spent	85%																			
% Complete	100%																			

Project Name/Purpose	Scope/Funding Source	Project Cost and Budget	Target Dates / Operating Impact	Current Status																
DVWTP and PPWTP HVAC and Improvements Purpose/Benefits: <ul style="list-style-type: none">Replace aging and obsolete HVAC equipment and improve various plant facilities and processes at DVWTP and PPWTP to improve working conditions, increase system reliability, reduce maintenance costs, and improve plant operational reliability.	Scope: <ul style="list-style-type: none">Replace HVAC systems at DVWTP and PPWTPImprove PPWTP facilities including clarifiers, chlorine contact basin, clearwell, washwater recovery system, and operations buildingReplace fire control panel at DVWTP Funding Source: <ul style="list-style-type: none">100% Fund 120 – Renewal/Replacement and System-Wide Improvements	Original Total Estimated Cost: \$12,060,000 Current Total Estimated Cost: \$12,060,000 Total Budget: \$12,060,000 Total Expenditures: \$10,000 <table><tr><th colspan="2">Planning & Design Phase Costs</th></tr><tr><td>Budget</td><td>\$1,120,000</td></tr><tr><td>% Spent</td><td>1%</td></tr><tr><td>% Complete</td><td>1%</td></tr></table> <table><tr><th colspan="2">Construction Phase Costs</th></tr><tr><td>Budget</td><td>\$10,940,000</td></tr><tr><td>% Spent</td><td>0%</td></tr><tr><td>% Complete</td><td>0%</td></tr></table>	Planning & Design Phase Costs		Budget	\$1,120,000	% Spent	1%	% Complete	1%	Construction Phase Costs		Budget	\$10,940,000	% Spent	0%	% Complete	0%	Completion: June 2028 Projected Operating Impact: Improved operational reliability and reduced maintenance costs of the treatment plant.	The design contract was awarded in June. The kickoff meeting to establish design criteria for the project will be held in September.
Planning & Design Phase Costs																				
Budget	\$1,120,000																			
% Spent	1%																			
% Complete	1%																			
Construction Phase Costs																				
Budget	\$10,940,000																			
% Spent	0%																			
% Complete	0%																			

Project Name/Purpose	Scope/Funding Source	Project Cost and Budget	Target Dates / Operating Impact	Current Status																
DVWTP Booster Pump Station Variable Frequency Drives (VFDs) and Underdrain Pump Station Replacement Purpose/Benefits: <ul style="list-style-type: none">Replace aging and obsolete inlet booster pump station VFDs and sludge basin pump station to increase plant reliability and avoid untimely and expensive repairs.	Scope: <ul style="list-style-type: none">Replace the two existing booster pump VFDs; replace four underdrain pumps with two vertical turbine pumps; upgrade the local control panel, power and control wiring, and other mechanical improvements; weld and re-coat the clearwell drainpipe support bracket. Funding Source: <ul style="list-style-type: none">100% Fund 120 – Renewal/Replacement and System-Wide Improvements	Original Total Estimated Cost: \$1,250,000 Current Total Estimated Cost: \$1,910,000 Total Budget: \$1,910,000 Total Expenditures: \$465,000 <table><tr><th colspan="2">Planning & Design Phase Costs</th></tr><tr><td>Budget</td><td>\$180,000</td></tr><tr><td>% Spent</td><td>100%</td></tr><tr><td>% Complete</td><td>100%</td></tr></table> <table><tr><th colspan="2">Construction Phase Costs</th></tr><tr><td>Budget</td><td>\$1,730,000</td></tr><tr><td>% Spent</td><td>15%</td></tr><tr><td>% Complete</td><td>15%</td></tr></table>	Planning & Design Phase Costs		Budget	\$180,000	% Spent	100%	% Complete	100%	Construction Phase Costs		Budget	\$1,730,000	% Spent	15%	% Complete	15%	Completion: May 2026 Projected Operating Impact: Improved operational flexibility and reliability of the treatment plant, reducing untimely future repair costs.	The electrical work is scheduled to begin at the end of this month. Long lead equipment has been released for fabrication. The booster pump station VFDs and underdrain pump station improvements are scheduled to begin in November and be completed in early 2026 during the low demand period.
Planning & Design Phase Costs																				
Budget	\$180,000																			
% Spent	100%																			
% Complete	100%																			
Construction Phase Costs																				
Budget	\$1,730,000																			
% Spent	15%																			
% Complete	15%																			

Project Name/Purpose	Scope/Funding Source	Project Cost and Budget	Target Dates / Operating Impact	Current Status								
<p>Del Valle Water Treatment Plant Master Plan</p> <p>Purpose/Benefits:</p> <ul style="list-style-type: none">Provides Zone 7 with a plan for long-term improvements needed to meet the water treatment, operations, maintenance, and administrative needs at the treatment plant.	<p>Scope:</p> <ul style="list-style-type: none">Conceptual space planning for future treatment processes, office spaces, maintenance and storage yard/facilities, and fleet and equipment storageAnalysis and recommendations for booster pumps, sludge drying beds, chemical storage, and dissolved air flotation buildingCost estimates and funding source allocation <p>Funding Source:</p> <ul style="list-style-type: none">100% from Fund 120 – Renewal/ Replacement and System-Wide Improvements	<p>Original Total Estimated Cost: \$688,000</p> <p>Current Total Estimated Cost: \$688,000</p> <p>Total Budget: \$688,000</p> <p>Total Expenditures: \$7,000</p> <table><tr><th colspan="2">Costs (Planning)</th></tr><tr><td>Budget</td><td>\$688,000</td></tr><tr><td>% Spent</td><td>1%</td></tr><tr><td>% Complete</td><td>1%</td></tr></table>	Costs (Planning)		Budget	\$688,000	% Spent	1%	% Complete	1%	<p>Completion: September 2026</p> <p>Projected Operating Impact: Improved ability to plan for and implement infrastructure projects at DVWTP.</p>	<p>The Board approved the award of the contract at the July Board meeting. The kickoff meeting will be held in August. Staff interviews with the consultant to assess needs are planned to begin in October.</p>
Costs (Planning)												
Budget	\$688,000											
% Spent	1%											
% Complete	1%											

Project Name/Purpose	Scope/Funding Source	Project Cost and Budget	Target Dates / Operating Impact	Current Status																
<p>MGDP Concentrate Conditioning</p> <p>Purpose/Benefits:</p> <ul style="list-style-type: none">Install a continuous acid injection feed system for concentrate pH adjustment will help avoid scale build-up, reduce the frequency of future batch cleanings, and meet brine discharge permit pH limits.	<p>Scope:</p> <ul style="list-style-type: none">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. Install new concentrate sump pumps and variable frequency drives. <p>Funding Source:</p> <ul style="list-style-type: none">100% from Fund 120 – Renewal/Replacement and System-Wide Improvements	<p>Original Total Estimated Cost: \$2,200,000</p> <p>Current Total Estimated Cost: \$7,840,000</p> <p>Total Budget: \$8,320,000</p> <p>Total Expenditures: \$7,580,000</p> <table><tr><th colspan="2">Planning & Design Phase Costs</th></tr><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></table> <table><tr><th colspan="2">Construction Phase Costs</th></tr><tr><td>Budget</td><td>\$7,510,000</td></tr><tr><td>% Spent</td><td>90%</td></tr><tr><td>% Complete</td><td>99%</td></tr></table> <p>Board approved an 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	\$7,510,000	% Spent	90%	% Complete	99%	<p>Completion: September 2025</p> <p>Projected Operating Impact: Increased operational reliability, increased operating cost, and reduced frequency of future batch cleaning costs for concentrate pipeline.</p>	<p>The facility has been in service since April. The construction contract is closed. The design consultant is preparing record drawings.</p>
Planning & Design Phase Costs																				
Budget	\$810,000																			
% Spent	100%																			
% Complete	100%																			
Construction Phase Costs																				
Budget	\$7,510,000																			
% Spent	90%																			
% Complete	99%																			

Project Name/Purpose	Scope/Funding Source	Project Cost and Budget	Target Dates / Operating Impact	Current Status																
Mocho PFAS Treatment Plant Purpose/Benefits: <ul style="list-style-type: none">Remove PFAS from the Mocho wellfield to meet drinking water standards in order to restore production capacity and water supply reliability.	Scope: <ul style="list-style-type: none">Install ion exchange PFAS treatment plant, including site improvements and a pipeline to convey treated water from the new treatment plant to MGD and the transmission system. Funding Source: <ul style="list-style-type: none">100% from Fund 120 – Renewal/Replacement and System-Wide Improvements	Original Total Estimated Cost: \$35,500,000 Current Total Estimated Cost: \$35,500,000 - \$52,000,000 Total Expenditures: \$800,000 <table border="1"><tr><th colspan="2">Conceptual Design Phase Costs</th></tr><tr><td>Budget</td><td>\$500,000</td></tr><tr><td>% Spent</td><td>100%</td></tr><tr><td>% Complete</td><td>100%</td></tr></table> <table border="1"><tr><th colspan="2">Design-Build Phase Costs</th></tr><tr><td>Budget</td><td>\$51,000,000</td></tr><tr><td>% Spent</td><td>1%</td></tr><tr><td>% Complete</td><td>1%</td></tr></table> The total project cost estimate range includes an option to treat the full wellfield capacity and eliminate PFAS from the MGD discharge.	Conceptual Design Phase Costs		Budget	\$500,000	% Spent	100%	% Complete	100%	Design-Build Phase Costs		Budget	\$51,000,000	% Spent	1%	% Complete	1%	Completion: July 2028 Projected Operating Impact: Improved water quality, restored reliability, and operational flexibility. Increased operating costs are expected associated with ion exchange media replacement and additional power costs.	The project team is preparing a PDB request for proposals (RFP) for release in late-summer and conducting outreach to PDB firms. The team is also working with an environmental consultant to prepare the Initial Study for compliance with the California Environmental Quality Act. The first planned community meeting is scheduled for September. Rights-of-way are being assessed and an appraisal completed. Staff plans to bring the PDB contract to the Board for award in February 2026 and having the plant online by summer 2028.
Conceptual Design Phase Costs																				
Budget	\$500,000																			
% Spent	100%																			
% Complete	100%																			
Design-Build Phase Costs																				
Budget	\$51,000,000																			
% Spent	1%																			
% Complete	1%																			

Project Name/Purpose	Scope/Funding Source	Project Cost and Budget	Target Dates / Operating Impact	Current Status								
<p>Pipeline Inspection Program Study</p> <p>Purpose/Benefits:</p> <ul style="list-style-type: none">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.	<p>Scope:</p> <ul style="list-style-type: none">This study will review and update past vulnerability, criticality and risk assessment studies to develop a pipeline inspection program and recommend necessary improvements to implement the inspection program. <p>Funding Source:</p> <ul style="list-style-type: none">100% from Fund 120 – Renewal/Replacement and System-Wide Improvements	<p>Original Total Estimated Cost: \$250,000</p> <p>Current Total Estimated Cost: \$250,000</p> <p>Total Budget: \$250,000</p> <p>Total Expenditures: \$150,000</p> <table><tr><th colspan="2">Planning & Study Phase Costs</th></tr><tr><td>Budget</td><td>\$250,000</td></tr><tr><td>% Spent</td><td>60%</td></tr><tr><td>% Complete</td><td>80%</td></tr></table>	Planning & Study Phase Costs		Budget	\$250,000	% Spent	60%	% Complete	80%	<p>Completion: September 2025</p> <p>Projected Operating Impact: The study may lead to detailed inspections and adjusting timing of pipeline renewal and replacement costs.</p>	<p>Consultant is preparing the revised draft study. Staff is reviewing 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>
Planning & Study Phase Costs												
Budget	\$250,000											
% Spent	60%											
% Complete	80%											

Project Name/Purpose	Scope/Funding Source	Project Cost and Budget	Target Dates / Operating Impact	Current Status								
Risk and Resilience Assessment (RRA) and Emergency Response Plan (ERP) Updates Purpose/Benefits: <ul style="list-style-type: none">The 2018 America’s Water Infrastructure Act requires an update to RRA and ERP every 5 years.The RRA includes assessments of natural hazards and malevolent acts, resilience of water facility infrastructure, and operations and maintenance, among other things.The ERP provides an action plan for addressing risks identified in the RRA.	Scope: <ul style="list-style-type: none">Review Zone 7’s existing RRA and ERP and update the documents to meet Environmental Protection Agency (EPA) requirements. Funding Source: <ul style="list-style-type: none">100% from Fund 100 – Water Enterprise Operations	Original Total Estimated Cost: \$200,000 Current Total Estimated Cost: \$200,000 Total Budget: \$200,000 Total Expenditures: \$134,000 <table><tr><th colspan="2">Study Phase Costs</th></tr><tr><td>Budget</td><td>\$200,000</td></tr><tr><td>% Spent</td><td>65%</td></tr><tr><td>% Complete</td><td>65%</td></tr></table>	Study Phase Costs		Budget	\$200,000	% Spent	65%	% Complete	65%	Completion of RRA Update: March 2025 (regulatory due date) Completion of ERP Update: September 2025 (regulatory due date) Projected Operating Impact: None	The RRA was completed and submitted prior to the regulatory due date. The ERP update began in April. The draft ERP report is under review. The ERP will be finalized and the certification submitted by the regulatory due date.
Study Phase Costs												
Budget	\$200,000											
% Spent	65%											
% Complete	65%											

Project Name/Purpose	Scope/Funding Source	Project Cost and Budget	Target Dates / Operating Impact	Current Status																
<p>Silver Oaks Pump Station Replacement</p> <p>Purpose/Benefits:</p> <ul style="list-style-type: none">The existing pump station has reached the end of its useful life. The new facility will be relocated to a site with sufficient space for the pump station and operation and maintenance access.	<p>Scope:</p> <ul style="list-style-type: none">Site selection, land acquisition, design, environmental review, and construction of a new pump station on a new site and demolition of the existing pump station. The new facility will include a new building to house the new pumps and electrical equipment. <p>Funding Source:</p> <ul style="list-style-type: none">80% from Fund 120 – Renewal/Replacement and System-Wide Improvements20% from Fund 130 - Expansion	<p>Original Total Estimated Cost: \$20,000,000</p> <p>Current Total Estimated Cost: \$20,000,000</p> <p>Total Budget: \$20,000,000</p> <p>Total Expenditures: \$0</p> <table><tr><th colspan="2">Planning & Design Phase Costs</th></tr><tr><td>Budget</td><td>\$3,000,000</td></tr><tr><td>% Spent</td><td>0%</td></tr><tr><td>% Complete</td><td>0%</td></tr></table> <table><tr><th colspan="2">Construction Phase Costs</th></tr><tr><td>Budget</td><td>\$17,000,000</td></tr><tr><td>% Spent</td><td>0%</td></tr><tr><td>% Complete</td><td>0%</td></tr></table>	Planning & Design Phase Costs		Budget	\$3,000,000	% Spent	0%	% Complete	0%	Construction Phase Costs		Budget	\$17,000,000	% Spent	0%	% Complete	0%	<p>Completion: Fall 2028</p> <p>Projected Operating Impact: Increased operational reliability, increased operating cost.</p>	<p>The contract for design services was awarded at the June Board meeting. The project scope is being finalized, and the contract is being executed, after which the kickoff meeting will be scheduled.</p>
Planning & Design Phase Costs																				
Budget	\$3,000,000																			
% Spent	0%																			
% Complete	0%																			
Construction Phase Costs																				
Budget	\$17,000,000																			
% Spent	0%																			
% Complete	0%																			

Project Name/Purpose	Scope/Funding Source	Project Cost and Budget	Target Dates / Operating Impact	Current Status								
Stoneridge PFAS Treatment Plant Purpose/Benefits: <ul style="list-style-type: none">Provide PFAS treatment for Stoneridge Well to meet applicable state and federal drinking water quality limits.	Scope: <ul style="list-style-type: none">Install three trains (6 vessels) consisting of ion exchange media and a new booster pump station.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.A switchover to Power and Water Resources Pooling Authority (PWRPA) power was added to reduce power costs. Funding Source: <ul style="list-style-type: none">DWR grant for full project cost	Original Total Estimated Cost: \$16,300,000 Current Total Estimated Cost: \$16,300,000 Total Budget: \$16,300,000 Total Expenditures: \$13,930,000 <table><tr><th colspan="2">Planning, Design & Construction Phase Costs (Design-Build)</th></tr><tr><td>Budget</td><td>\$16,300,000</td></tr><tr><td>% Spent</td><td>85%</td></tr><tr><td>% Complete</td><td>95%</td></tr></table>	Planning, Design & Construction Phase Costs (Design-Build)		Budget	\$16,300,000	% Spent	85%	% Complete	95%	Functional Completion: Summer 2023 Project Completion: September 2024 Closeout: December 2026 (for PWRPA power switchover) Projected Operating Impact: Improved water quality, improved reliability, and increased operational flexibility. Increased operating costs, with an annual average of approximately \$200,000, are expected for ion exchange media replacement and booster pumping power costs.	<p>A contract change order was executed for the design of a switchover from PG&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.</p> <p>The contractor and designer continue to work on submittals and final design details for the PWRPA equipment.</p>
Planning, Design & Construction Phase Costs (Design-Build)												
Budget	\$16,300,000											
% Spent	85%											
% Complete	95%											

Project Name/Purpose	Scope/Funding Source	Project Cost and Budget	Target Dates / Operating Impact	Current Status								
Wells & MGD Electrical Upgrades/ Replacement Project Purpose/Benefits: <ul style="list-style-type: none">Replaces electrical equipment at several well sites that is at or approaching the end of its useful life.Ensures reliable water production from groundwater wells.	Scope: <ul style="list-style-type: none">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; replace electrical switchgear and motor control center (MCC) at Mocho 2, Stoneridge, Hopyard 6 and Hopyard 9 wells; and replace motor soft starters at Mocho Wells 3 and 4. Funding Source: <ul style="list-style-type: none">100% from Fund 120 – Renewal/ Replacement and System-Wide Improvements	Original Total Estimated Cost: \$7,340,000 Current Total Estimated Cost: \$7,340,000 Total Budget: \$7,340,000 Total Expenditures: \$5,700,000 <table border="1"><tr><th colspan="2">Costs (Design-Build)</th></tr><tr><td>Budget</td><td>\$7,340,000</td></tr><tr><td>% Spent</td><td>80%</td></tr><tr><td>% Complete</td><td>80%</td></tr></table>	Costs (Design-Build)		Budget	\$7,340,000	% Spent	80%	% Complete	80%	Completion: February 2026 Projected Operating Impact: Improved water production reliability and increased operational flexibility.	Due to delays with PG&E’s review and approval of switchgear submittals, the medium voltage switchgears for Stoneridge Well and Hopyard Well 6 are tentatively scheduled for installation during October 2025 through February 2026, pending scheduling of PG&E inspections and power shutoff approval.
Costs (Design-Build)												
Budget	\$7,340,000											
% Spent	80%											
% Complete	80%											

Flood Protection System Projects:

Project Name/Purpose	Scope/Funding Source	Project Cost and Budget	Target Dates / Operating Impact	Current Status																
Alamo Creek Bank Stabilization Pilot Project Purpose/Benefits: <ul style="list-style-type: none">Pilot project to test channel erosion treatments that will be proposed as part of the Flood Management PlanRepair a section of Alamo Creek in Dublin to help restore functionality and integrity of the flood protection system using vegetation and rockRepair areas of bank damage from the 2023 winter storms	Scope: <ul style="list-style-type: none">Improve reach of channel downstream of the Alamo Creek and South San Ramon Creek confluence structure that experiences high velocities and toe erosionInstall five different modules (design types) designed to stabilize the toe with rock vanes, vegetated soil lifts, willow plantings, or rip rap toe trenches.Repair bank damage caused by the 2023 storms in the project area using three design modules. Funding Sources: <ul style="list-style-type: none">Fund 200 – Flood Protection OperationsDWR awarded up to a \$4.6M grant through the Floodplain Management, Protection and Risk Awareness Grant Program; it requires Zone 7 matching funds of 25% (\$1.54M)Storm damage repair expenses may be reimbursed by FEMA	Total Estimated Cost: \$6,120,000 Total Proposed Budget: \$6,120,000 Total Expenditures: \$955,400 <table><tr><th colspan="2">Planning & Design Phase Costs</th></tr><tr><td>Budget</td><td>\$860,000</td></tr><tr><td>% Spent</td><td>111%</td></tr><tr><td>% Complete</td><td>99%</td></tr></table> <table><tr><th colspan="2">Construction Phase Costs</th></tr><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></table> <ul style="list-style-type: none">The planning and design expenditure exceeded the projection due to the need for more staff resources than anticipated; consultant expenditures were within budget.Does not include non-reimbursable DWR costs for 2023 storm damage repairs of approximately \$112,000.	Planning & Design Phase Costs		Budget	\$860,000	% Spent	111%	% Complete	99%	Construction Phase Costs		Budget	\$5,300,000	% Spent	0%	% Complete	0%	Design: March 2025 Permitting: September 2025 Construction: Summer/Fall 2026, pending permit approval Closeout: December 2026 Projected Operating Impact: Reduced future maintenance and repair costs.	<p>The construction contract was awarded at the June Board meeting for \$5.1M, of which \$3.6M is for the Department of Water Resources (DWR) funded project.</p> <p>Environmental permits have not been received, resulting in a delay in the start of construction to June 2026.</p>
Planning & Design Phase Costs																				
Budget	\$860,000																			
% Spent	111%																			
% Complete	99%																			
Construction Phase Costs																				
Budget	\$5,300,000																			
% Spent	0%																			
% Complete	0%																			

Project Name/Purpose	Scope/Funding Source	Project Cost and Budget	Target Dates / Operating Impact	Current Status																
2022-2023 Storm Damage High Priority Repairs Purpose/Benefits: <ul style="list-style-type: none">Restore channel embankments damaged during the December 2022-January 2023 storm event.Improve channel capacity and stability and prevent further damage.	Scope: <ul style="list-style-type: none">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.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).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. Funding Sources: <ul style="list-style-type: none">Fund 200 – Flood Protection OperationsMay be eligible for reimbursement by FEMA	Total Estimated Cost: \$2,440,000 Total Proposed Budget: \$2,440,000 Total Expenditures: \$510,000 <table><tr><th colspan="2">Planning & Design Phase Costs</th></tr><tr><td>Budget</td><td>\$700,000</td></tr><tr><td>% Spent</td><td>73%</td></tr><tr><td>% Complete</td><td>100%</td></tr></table> <table><tr><th colspan="2">Construction Phase Costs</th></tr><tr><td>Budget</td><td>\$1,740,000</td></tr><tr><td>% Spent</td><td>0%</td></tr><tr><td>% Complete</td><td>0%</td></tr></table>	Planning & Design Phase Costs		Budget	\$700,000	% Spent	73%	% Complete	100%	Construction Phase Costs		Budget	\$1,740,000	% Spent	0%	% Complete	0%	Design: Spring 2024 Permitting: Summer 2025 Construction: Summer/Fall 2025 Closeout: Fall 2025 Projected Operating Impact: Restore channel stability.	<p>The construction contract was awarded in September 2024. Construction is scheduled to occur in September through October 2025, pending approval of environmental permits. Permits are anticipated by September. If permits are delayed further, the start of construction would be delayed to June 2026.</p> <p>Design for the other two high priority repair sites, at Arroyo Las Positas and El Charro Road and Arroyo Mocho at Medeiros, needed to be updated to address comments from regulatory agencies. The design and permitting package for Medeiros is complete permit application to the Water Board has been submitted. Design for El Charro is in progress. Both sites are scheduled for completion in 2026.</p>
Planning & Design Phase Costs																				
Budget	\$700,000																			
% Spent	73%																			
% Complete	100%																			
Construction Phase Costs																				
Budget	\$1,740,000																			
% Spent	0%																			
% Complete	0%																			

Project Name/Purpose	Scope/Funding Source	Project Cost and Budget	Target Dates / Operating Impact	Current Status																
2023 Storm Damage Repairs - Phase 1 Purpose/Benefits: <ul style="list-style-type: none">Restore channel embankments damaged during the December 2022-January 2023 storm event.Restore channel capacity and stability and prevent further damage.	Scope: <ul style="list-style-type: none">Design and environmental planning for the repair of approximately 50 out of 177 sites that experienced damage during the 2022-2023 storm events.Repairs 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. Funding Sources: <ul style="list-style-type: none">Fund 200 – Flood Protection OperationsZone 7 will be seeking a federal grant for design and construction costs	Total Estimated Cost: \$24,880,000 Total Proposed Budget: \$24,880,000 Total Expenditures: \$1,010,000 <table><tr><th colspan="2">Planning & Design Phase Costs</th></tr><tr><td>Budget</td><td>\$1,080,000</td></tr><tr><td>% Spent</td><td>85%</td></tr><tr><td>% Complete</td><td>95%</td></tr></table> <table><tr><th colspan="2">Construction Phase Costs</th></tr><tr><td>Budget</td><td>\$23,800,000</td></tr><tr><td>% Spent</td><td>0%</td></tr><tr><td>% Complete</td><td>0%</td></tr></table>	Planning & Design Phase Costs		Budget	\$1,080,000	% Spent	85%	% Complete	95%	Construction Phase Costs		Budget	\$23,800,000	% Spent	0%	% Complete	0%	Design: April 2025 Permitting: Summer 2025 Construction: Summer/Fall 2027 Closeout: December 2027 Projected Operating Impact: Restore channel stability.	Bids were received in June. Staff plans to bring the construction contract for Board award in August. Construction of the 50 repair sites will be spread over three consecutive construction seasons. Construction may start in September pending environmental permits from regulatory agencies and be completed in fall 2027.
Planning & Design Phase Costs																				
Budget	\$1,080,000																			
% Spent	85%																			
% Complete	95%																			
Construction Phase Costs																				
Budget	\$23,800,000																			
% Spent	0%																			
% Complete	0%																			

ORIGINATING SECTION: Integrated Planning

CONTACT: Elke Rank/Neeta Bijoor

AGENDA DATE: August 20, 2025

SUBJECT: Living Arroyos Program Update

SUMMARY:

- To support Zone 7 Water Agency's mission to deliver safe, reliable, efficient, and sustainable water and flood protection services, Zone 7 has been implementing the Living Arroyos Program since 2013. This program supports both Strategic Goal E – Effective Flood Protection, and Strategic Goal G – Stakeholder Engagement.
- This report summarizes completed tasks between July 1, 2024, and June 30, 2025.
- The Living Arroyos program is a multiagency collaborative effort consisting of a fiscal manager, an implementing agency, and program partners as follows:
 - Fiscal Manager: Zone 7 Water Agency
 - Implementing Agency: Alameda County Resource Conservation District
 - Program Partners: Zone 7, City of Dublin, City of Livermore, City of Pleasanton
- During the fiscal year 2024-2025, several tasks were completed among all partners as listed below:
 - Tree stakes installed: 52 stakes
 - Other plants installed: 17 container plants
 - Invasive vegetative species removed: 1,660 gallons
 - Trash removed: 5,000 gallons
 - Total Program hours, Living Arroyos team (projects + admin): 2,936 hours
 - Volunteer events: 11 (270 individual volunteers)
 - Volume of Water applied: 14,155 gallons

FUNDING:

Not applicable.

RECOMMENDED ACTION:

Information only.

ATTACHMENT:

Photographs from 2024-2025 program activities

Living Arroyos 2024/2025 Annual Summary – Photos



Upper left: 33 volunteers removed 325 gallons of waste from creek (March 2025)
Upper right: 35 volunteers removed 563 gallons of waste from creek (April 2025)
Lower left: 24 volunteers planted 240 acorns (February 2025)
Lower right: 34 volunteers removed 715 gallons of waste from creek (December 2024)

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

AGENDA DATE: August 20, 2025

SUBJECT: FY 2024–25 Progress Update on the 2025–2029 Strategic Plan

SUMMARY:

On November 20, 2024, the Board of Directors adopted Resolution No. 24-97, approving the 2025-2029 Strategic Plan. The 5-year Strategic Plan establishes the framework for addressing challenges in maintaining reliable, high-quality water and flood protection services to the Livermore-Amador Valley.

The Plan includes 22 Major Strategic Plan Initiatives designed to support the Agency's Vision, Mission, Goals, and Values. These initiatives represent key efforts to be undertaken during the five-year period to advance the Agency's strategic Goals.

The status of all Strategic Plan Initiatives for FY 2024-25, as of January 1, 2025, is included in the attached FY 2024-25 Strategic Plan Status Update.

FUNDING:

N/A

RECOMMENDED ACTION:

Information only.

ATTACHMENT:

FY 2024-25 Strategic Plan Progress Update

FY 2024-25 Strategic Plan Progress Update

Initiative #1 – Maintain a high-quality workforce to meet current and future needs and challenges	
Activity	Status
Maintain programs that foster employee engagement and encourage a supportive, inclusive, and respectful workforce culture	<p>Hosted five (3) engagement activities:</p> <ul style="list-style-type: none"> • April 2025 – Take Our Children to Work Day • May 2025 – Summer Intern Welcome Breakfast • May 2025 – Public Service Recognition Week / Employee Appreciation <p>Employee Led Initiatives Committee led eight (6) engagement activities/initiatives:</p> <ul style="list-style-type: none"> • Feb 2025 – Networking / coffee and pastry delivery to all Zone 7 locations • March 2025 – Employee outing - Limitless Escapes (fully immersive teambuilding puzzle) • March 2025 – Volunteer with CityServe – serve lunch and food distribution support for the local community • May 2025 – Networking / pizza and trivia • June 2025 – Employee outing -bowling • June 2025 – Purchase of wellness activity equipment (basketball hoop, walking pads, and free weights)
Continue to conduct classification studies to assess overall organizational structure and identify paths for career progression	Not yet started; done on an as-needed basis
Continue to conduct compensation studies to ensure salaries are competitive	<p>In FY 2024-25, the following compensation studies were conducted:</p> <ul style="list-style-type: none"> • Jan 2025 – Agency benchmark compensation survey for contract negotiations
Review the organizational structure to ensure current market and/or internal structure alignment is attained	<p>Added four positions at the 2025-26 mid-cycle budget update to support administrative, human resources, engineering and performance management and reporting functions:</p> <ul style="list-style-type: none"> • Administrative Assistant • Human Resources Analyst • Principal Engineer • Staff Analyst <p>Added three transitional positions to provide overlap in support of knowledge transfer and training when key positions plan to leave the agency</p>

Explore best practices and opportunities to assist employees in achieving work/life balance	Kicked off discussion with Building Trades of Alameda County regarding Maintenance staff schedules. Meetings are scheduled to commence after June 2025. Held a Work/Life Balance training for all staff in April 2025.
Review Summer Internship Program	In progress

Initiative #2 – Enhance professional development approach to maintain workforce	
Activity	Status
Develop a Comprehensive Personnel Manual	Initial review of all components of the draft personnel manual was completed.
Develop a Comprehensive Training Program	Finalized a draft of training needs by classification, by section, to identify which trainings are needed from 0-6 months, 6-12 months, and 12+ months.
Identify opportunities for employee development	In FY 2024-25, Agency staff attended/participated in over two dozen webinars, training sessions and conferences.
Review role-specific onboarding process	Not yet started
Assess performance management program	Not yet started

Initiative #3 – Streamline workforce management processes	
Activity	Status
Review and automate Human Resources processes	In progress
Explore virtual orientation sessions	Not yet started
Implement role-specific training and tracking	Finalized a draft of training needs by classification, by section, to identify which trainings are needed from 0-6 months, 6-12 months, and 12+ months.

Initiative #4 – Revamp safety program	
Activity	Status
Maintain an effective safety program	Recruitment underway for a new Environmental Health & Safety Program Manager position, expected to be filled by September 2025, to lead Zone 7's safety program.
Use Environmental Health and Safety Assessment to set new plan for improving safety culture	Completed the following: <ul style="list-style-type: none"> On-site health and safety compliance review

	<ul style="list-style-type: none"> • Review of written programs • Conducted staff interviews • Assessed compliance with Cal/OSHA Title 8 • Completed gap and weakness assessment • Identified areas for improvement • Developed draft program improvement objectives <p>Developed draft prioritized safety program improvement plan.</p>
Provide job-specific safety training to all employees	<p>Executed contract for in-person safety training from subject matter experts to provide the following training:</p> <ul style="list-style-type: none"> • Confined Space rescue • Electrical awareness for the non-electrician • First aid/CPR • Arc Flash awareness • Fall protection • Lock out-Tag out <p>Staff completed 522 Vector Solution On-line safety courses since January 2025</p>
Maintain an effective safety committee program	<p>Held one safety committee meeting; meetings are set to recur quarterly.</p>
Implement improvements and updates as appropriate	<p>Established bi-weekly safety tailgate meetings for Operations staff; continued the weekly Safety tailgate meetings with Maintenance.</p> <p>CMMS will track Safety inspections and Safety-related work orders.</p> <p>Draft prioritized safety improvement recommendations will be reviewed with the management team and the Safety Committee and shared with all staff once final, anticipated Fall 2025.</p>

Initiative #5 – Develop a diversified water supply plan and implement supported projects and programs	
Activity	Status
Extend Arroyo Valle water rights permit and secure a license	Petitions were submitted to SWRCB to bifurcate the water rights into two parts. The first petition is to license 19,000 acre-feet, and the second petition is to extend the time to perfect the remainder, for a combined balance amount up to 60,000 acre-feet.
Continue exploring water supply reliability programs (including Sites Reservoir, Delta Conveyance Project, Chain of Lakes Conveyance System, and potable reuse)	Actively participating in Delta Conveyance Project and Sites Reservoir Committee as well as reviewing other projects; staff running the RiverWare water supply portfolio model to evaluate Zone 7's potential investment in various projects.
Complete a demand study and the 2025 Urban Water Management Plan	Retained consultant to prepare the 2025 Urban Water Management Plan and associated demand study.
Manage the water supply portfolio using the water supply risk model	Continuing to refine the RiverWare water supply portfolio model to better represent the Zone 7 system and enhance decision support capabilities. The model refinement is partially funded by the Integrated Regional Water Management Program Proposition 1 Round 2 grant from the California Department of Water Resources (DWR).
Develop a robust water transfer program	Completed sale of 4,000 acre-feet to Westside 5 Water District. Currently developing long-term water transfer arrangements.
Evaluate and extend groundwater banking programs	Continuing to manage Kern County storage programs and review other storage opportunities such as Irvine Ranch Water District's exchange program to increase the amount of recoverable water. Collaborating with South Bay Aqueduct contractors to track and engage in Kern water storage programs related to Sustainable Groundwater Management Act (SGMA) compliance process.
Update the Water Supply Evaluation as appropriate	Not yet started

Initiative #6 – Continue to effectively implement infrastructure projects in the Water System Capital Improvement Plan (CIP)	
Activity	Status
Implement capital projects in the CIP	<p>A CIP update is underway to prioritize projects, expected in summer 2027; key projects completed or in progress during FY 2024-25 include:</p> <ul style="list-style-type: none"> • COL PFAS Treatment Facility Project (completed) • MGDG Concentrate Conditioning Project (completed) • Wells and MGDG Electrical Upgrades/Replacement Project (construction phase, completion anticipated spring 2026) • Stoneridge Well PWRPA and Backup Generator Power Supply (construction phase, completion anticipated winter 2026/2027) • Mocho PFAS Treatment Plant (design phase, completion anticipated 2028) • Silver Oaks Pump Station Replacement (design phase, completion anticipated fall 2028) • DVWTP and Maintenance Yard Master Plan (design phase, completion anticipated fall 2026)
Continue to assess existing infrastructure and regularly update the Asset Management Program (AMP) and CIP to prioritize infrastructure improvements	AMP database updates are being completed and a renewal and replacement expenditure plan developed to inform the CIP; planned CIP projects and prioritization are under review.
Complete a Transmission System Planning Update and maintain a Zone 7 system hydraulic model	In progress
Update the Del Valle Water Treatment Plant Master Plan	In progress
Complete planned improvements to facilities and administrative buildings at water treatment plants	In progress
Plan and implement maintenance facility improvements to provide safe, professional workspaces and manage equipment and material inventories	In progress
Initiate a pipeline inspection program to support infrastructure investment prioritization	Not yet started
Implement a valve automation project on the South Bay Aqueduct to ensure reliability at Del Valle Water Treatment Plant	Not yet started

Initiative #7 – Meet or surpass all drinking water health and safety requirements	
Activity	Status
Meet all regulatory requirements for monitoring, reporting and compliance	<p>All state and federal water quality standards have been met or exceeded.</p> <p>Meeting new Federal MCLs for PFAs ahead of compliance date of 2029.</p> <p>In compliance with new State MCL for Hexavalent Chromium (Cr6).</p>
Operate treatment and field facilities to ensure compliance at all times	Met all regulatory requirements for water treatment and distribution facilities operations
Monitor and adjust operations to meet Zone 7 water quality goals	Prepared 2024 biennial Water Quality Management Program report.
Monitor and assess emerging regulations and engage in professional organizations	Continue to monitor regulatory development around PFAS, Hexavalent Chromium (Cr6), Microplastics, Lead and Copper Rule Revisions, Consumer Confidence Report Revisions, Cross-Connection Control, and Direct Potable Reuse; engaging with AWWA, ACWA, and CUWA Water Quality and Regulatory Committees.
Conduct a cross-connection control study and propose a cross-connection control policy	Completed in FY 24-25. The cross-connection control study identified a plan to address the limited number of recommended improvements. Confirmed with DDW that as a wholesale agency, a policy is not required.
Prepare the Consumer Confidence Reports and other outreach and educational materials	<p>Key accomplishments in FY 2024-25 include:</p> <ul style="list-style-type: none"> • 2024 Consumer Confidence Report • Provided updates in the Digital Annual Report • Ongoing “Wondrous World of Water” digital education campaign • New educational videos and outreach material about water treatment processes and facilities, lead service material line inventory, and cross-connection control.

Initiative #8 – Continue evaluating the Chain of Lakes (COL) Conveyance System Project	
Activity	Status
Complete the feasibility study including benefit-cost analysis	<p>Refined technical assumptions that better described modes of operation, COL recharge potential, and potential project yield.</p> <p>Held two workshops with senior management and technical experts to define project alternatives.</p> <p>Utilizing the RiverWare water supply portfolio model to support evaluation of these conceptual alternatives with respect to yield and contribution to improved water supply resilience.</p>
Prepare a Project Work Plan to identify resources and schedule	Not yet started
Initiate outreach, environmental documentation, land acquisition, and permits	Ongoing
Initiate detailed design and field investigations	Not yet started
Develop a funding strategy including grant opportunities	Not yet started

Initiative #9 – Implement the PFAS management strategy	
Activity	Status
Track regulatory activity	Engaging with the San Francisco Regional Water Board staff and monitoring progress on PFAS investigations in GeoTracker.
Implement the PFAs monitoring program	<p>Continued implementing basin water quality monitoring program and added newly completed three exploration wells to the program to monitor PFAS throughout the basin.</p> <p>Production wells are sampled on a quarterly basis.</p>
Continue making PFAs data and information available to retailers, regulatory agencies, and the public	<p>The 2024 Consumer Confidence Report was completed in June and confirmed treated water met or was better than all regulatory requirements; quarterly reports are available on the Zone 7 website.</p> <p>PFAS data is published in the Annual Report submitted to DWR as required by SGMA.</p>

Optimize blending and treating	Received approval from the Department of Drinking Water to adjust blending operations through Stoneridge Well, Mocho wells, and MGDW to continue Mocho wellfield production.
Continue the water quality protection through well permitting	Ongoing
Develop well-head PFAs treatment facilities as appropriate and operate the available facilities to pump and treat PFAs from the basin	Completed two well-head treatment facilities (Stoneridge and COL), and the third (Mocho) is in design for fast-track implementation.
Evaluate and add new wells in Bernal subbasin to diversify the water supply sources	Three test wells have been constructed and tested. Feasibility Study, including groundwater modeling and the basis of design report underway.

Initiative #10 – Implement Mocho Wellfield PFAS Treatment Project	
Activity	Status
Complete studies to optimize PFAs treatment and Mocho Wellfield production	Procurement documents are in development to select a Progressive Design-Build (PDB) team to fast-track design and construction of the Mocho PFAS Treatment Plant; the PDB contractor is anticipated to be selected in early 2026.
Conduct outreach and complete environmental documentation and land acquisition	Community outreach meetings are planned for late-summer 2025; a draft CEQA document is anticipated by early 2026; land needs have been identified and appraisals and coordination with landowners are planned for fall 2025.
Prepare designs to support the implementation of the Mocho Wellfield PFAs treatment facility	Not yet started
Construct the Mocho PFAs treatment facility	Ongoing; planned for completion by 2029

Initiative #11 – Manage the Groundwater Sustainability Agency and implement the Groundwater Sustainability Plan	
Activity	Status
Continue complying with the California Water Code § 10720 (Sustainable Groundwater Management Act) and the California Code of Regulations § 350 (Groundwater Sustainability Plan regulations)	Zone 7 submitted the Water Year 2024 annual report to DWR by April 1 due date in compliance with SGMA.
Implement the Livermore Valley Groundwater Basin Alternative Groundwater Sustainability Plan (GSP) and associated management actions	Staff continue to implement the 2021 Alternative GSP by continuing to monitor the basin to evaluate sustainability indicators. No undesirable results were recorded in Water Year 2024 implying that the basin is sustainably managed.
Diversify groundwater resources	Completed three exploratory test wells in the Bernal subbasin in collaboration with the City of Pleasanton.
Update groundwater models	In progress
Update the Well Master Plan	Not yet started
Update well permitting process and ordinance	In progress
Develop an integrated Basin Water Quality Management Plan	Not yet started
Study and refine knowledge of the groundwater basin	Ongoing
Develop and implement the Regional Wells Project	Three test wells have been constructed and tested. Feasibility Study, including groundwater modeling and the basis of design report underway.

Initiative #12 – Complete the Flood Management Plan (FMP)	
Activity	Status
Complete a system evaluation Update the hydraulic and hydrologic models as required	Completed; the existing conditions and future without project conditions modeling is complete and will inform project planning and selection.
Complete the FMP	In progress
Implement robust stakeholder engagement for the FMP	In FY 24-25, Board workshop on systemwide evaluation was well-advertised through social media, press release, eNewsletter and emails to interested parties.
Prepare an asset management plan for the flood protection facilities	In progress
Define a prioritized FMP capital improvement program	Not yet started
Prepare a funding plan	Not yet started

Initiative #13 – Continue to repair and maintain the flood protection facilities	
Activity	Status
Conduct pre- and post-storm season inspections	Post-storm season inspections were conducted in Spring 2025
Conduct pilot study on performance standards in a pilot reach	Alamo Creek Bank Stabilization Pilot project was designed and awarded for construction.
Maintain flood channel integrity and access by addressing bank erosion and other damage due to storm	Four projects that will address 104 storm damage sites were designed and awarded for construction.
Assess sediment and vegetation accumulation	In-channel sediment and vegetation accumulation are monitored monthly; trends will be assessed annually and actions prioritized.
Prioritize capital and maintenance projects	Ongoing
Apply for federal and state assistance for storm disaster repairs	Zone 7 has received federal assistance from US Army Corps of Engineers and is working with FEMA and CalOES for federal and state assistance.
Seek approval of programmatic environmental permits to streamline routine maintenance activities.	In progress

Initiative #14 – Implement Computerized Maintenance Management System (CMMS) and establish a proactive maintenance program	
Activity	Status
Build the CMMS	Continued working with KloudGin to configure preventive maintenance schedules, asset hierarchy, mobile functionality, and user interface development to align with Zone 7's operational needs
Procure services to support development and implementation of CMMS	Amended the contract with Kennedy Jenks to continue providing support for CMMS development, including data refinement, workflow optimization, and reliability-based maintenance planning.
Hire CMMS program leader to support adoption and management of CMMS	In FY 2024-25, a CMMS Analyst position was allocated, and exam development is in progress. Recruitment is scheduled to open in August 2025.
Establish practices, procedures and procure devices to ease staff adoption	iPad mobile devices have been procured for all Maintenance and Safety staff to support the use of the new CMMS in the field. Staff completed training on best practices for effective CMMS hardware and software use.
Provide staff training and certification in the tools, software and approach to Proactive Maintenance Program	<p>One Maintenance staff obtained their Certified Reliability Leader certification. A new onboarding program was implemented to train Maintenance personnel on proactive maintenance framework, reinforcing a reliability-focused culture.</p> <p>A new thermal imaging camera was procured, with training scheduled for Fall 2025. Preventive Maintenance schedules for thermal imaging inspections for electrical systems, will be developed and managed within the new CMMS.</p>
Develop key performance metrics to define Proactive Maintenance Program goals	<p>FY 25-26 Key Performance Indicators (KPI's) being developed as part of the CMMS implementation. Some KPI's to be tracked:</p> <ul style="list-style-type: none"> • Preventive Maintenance work orders completed on time • Percentage of Reactive to Preventive Maintenance • Percentage of Maintenance schedule compliance • Work order backlog in weeks • Safety Compliance work orders (100% completed on time goal)

Initiative #15 – Develop and implement an Energy Master Plan	
Activity	Status
Identify key projects to be implemented as part of the Energy Master Plan	In progress
Evaluate feasibility of installing floating solar at Chain of Lakes	Completed in FY 24-25. Zone 7 concluded that due to permitting and mitigation requirements, the project is significantly less beneficial than other energy projects.
Implement California Air Resources Board clean fleet regulations (including charging station strategy)	In progress. EV Chargers project for North Canyons was designed and awarded for construction.

Initiative #16 – Develop and implement a security plan	
Activity	Status
Assess existing levels of security at Zone 7 facilities and identify improvements	Ongoing
Implement security improvement projects to meet industry standards for security	Not yet started
Continue to maintain up-to-date cyber security	Continuously monitoring and implementation of state-of-the-art cyber security provisions. Techniques include isolation of SCADA networks, perimeter security, endpoint protection, multi-factor authentication, around-the-clock monitoring and zero trust principles.

Initiative #17 – Update the Emergency Preparedness Program	
Activity	Status
Complete the 2025 Risk and Resilience Assessment and Emergency Response Plan updates	The 2025 Risk and Resilience Assessment was completed and registered with the State in March 2025; the Emergency Response Plan is being drafted and scheduled for completion in Fall 2025.
Procure emergency response equipment	Not yet started
Conduct regular emergency response training and exercise the emergency operations center annually	Ongoing
Clarify staff emergency response roles and responsibilities and provide training	Ongoing
Identify and implement improvements to the emergency operations center and communications systems	Ongoing
Pursue interagency emergency preparedness training and exercises	Ongoing

Initiative #18 – Assess adoption of new technologies	
Activity	Status
Track, assess, and, where appropriate, implement emerging technologies	Ongoing
Develop and implement an agency-wide strategy for document management	Not yet started
Ensure proper training for current and future technology and system implementation	Ongoing

Initiative #19 – Communications program	
Activity	Status
Continue to manage and enhance Zone 7's communications programs	Key efforts in FY 24-25 included: Continued to ensure all Agency collateral utilizes consistent branding
Develop and update narratives, key messages, and materials as needed	Key efforts in FY 24-25 included: <ul style="list-style-type: none"> • Prepared various talking points as needed • Issued 12 news releases
Develop and provide proactive updates and information to the community on major projects and key initiatives	Key efforts in FY 24-25 included: <ul style="list-style-type: none"> • Chain of Lakes PFAS Plant ribbon cutting • PPWTP Open House and tours
Maintain and strengthen Zone 7's outreach and school program	Ongoing
Conduct outreach to promote the business case for water supply reliability investments	Ongoing
Continue public education and awareness campaigns on water conservation, flood preparedness, sustainable practices, and water quality, refining strategies as necessary	Key efforts in FY 24-25 included: <ul style="list-style-type: none"> • Continued water conservation coordination with the retailers on conservation and rebate outreach • Promoted Fix-a-Leak Week in March • Tabled at community events and provided rebate information
Continue leveraging social media, Agency websites, and digital tools for real-time updates and community engagement, adjusting approaches based on trends and performance	Continued to invest in campaigns to increase followers and use video media for better engagement
Continue monitoring performance metrics for communications, using data to refine strategies and improve outreach effectiveness	Metrics included in monthly Board reports

Initiative #20 – Pursue opportunities for interagency cooperation	
Activity	Status
Facilitate legislative briefings for state and local elected officials to pursue areas of common interest	<p>Onboarded new legislative advocacy firm.</p> <p>Met with newly elected federal and state legislators to introduce Zone 7 and our needs.</p> <p>Met with federal legislators in DC to provide updates on critical Zone 7 projects and funding needs</p>
Engage in advocacy on significant issues affecting the service area	Engaged legislators on critical state budget allocations for DCP and related SWP costs.
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	<p>Coordination meeting with SWC Federal Lobbyists.</p> <p>Joint Zone 7/East Bay Regional Parks District Government Affairs meeting.</p>
Coordinate with retailers on operational activities, emergencies, and potential capital projects	<p>Key efforts in FY 24-25 included:</p> <ul style="list-style-type: none"> • Partnered with Livermore and Cal Water on the One Water Awards for the Science Odyssey • Partnered with the Retailers on the Tri-Valley Water Conservation Art Contest • Corrosion Control Study, and Cross-Connection Control Plan • Partnered with Livermore Area Recreation and Park District to open Patterson Ranch trail

Initiative #21 – Continue to effectively manage financial resources	
Activity	Status
Develop rate impact estimates/ranges for water supply reliability investments	Not yet started
Update and maintain the long-range finance plan	Ongoing
Meet debt coverage and bond covenants	The Continuing Disclosure Report for the fiscal year ending June 30, 2024, was completed and submitted to the Electronic Municipal Market Access site in March 2025. The report reflected compliance with debt service coverage ratios for FY 2023-24.
Maintain a high bond rating	Ongoing
Maintain target levels of reserves	Reserves fully funded based on the adopted FY 2025-26 Budget Amendment.

Provide quarterly and annual financial reports to the Finance Committee and Board	Presented the FY 2024-25 second quarter report in February 2025 and third quarter report in May 2025.
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	Per the policy, a contribution equal to 1% of the outstanding liability was made in February 2025; a one-time contribution of \$100K, in addition to the planned annual contribution, was approved through the FY 2025-26 Budget Amendment process.
Continue to conduct an annual audit	Ongoing

Initiative #22 – Track state and federal funding opportunities	
Activity	Status
Continue to track and pursue available state and federal funding opportunities	Key accomplishments in FY 24-25 included: <ul style="list-style-type: none"> IRWM Grant awarded for the Wells and MGDP Electrical Modernization Project (\$1.23M)
Continue to track funding opportunities for which Zone 7 applies and/or receives funding	Ongoing

ORIGINATING SECTION: Administrative Services

CONTACT: Osborn Solitei

AGENDA DATE: August 20, 2025

SUBJECT: AB1600 Annual Report and Five-Year Report for Development Impact Fees: Annual Report for Fiscal Year Ended June 30, 2024, and Five-Year Report for FY 2019-20 through FY 2023-24

SUMMARY:

- The proposed action is in support of Strategic Plan Goal H – Fiscal Responsibility: Operate the Agency in a fiscally responsible manner and Initiative No. 21 – Continue to effectively manage financial resources in a prudent manner and demonstrate good stewardship of public funds. In carrying out these fiscal responsibilities, the Agency prepares the Annual Report on the Collection and Use of Development Fees as required under the Mitigation Fee Act.
- Assembly Bill 1600 (AB1600), commonly known as the Mitigation Fee Act, was enacted by the State of California in 1987 and created Section 66000 et seq. of the Government Code. The Mitigation Fee Act requires the Agency to report fee information annually and every fifth year within 180 days after the last day of each fiscal year. For the Five-Year report, the Agency must demonstrate a reasonable relationship between the fee and the purpose for which it is charged.
- On October 11, 2023, Governor Newsom signed into law AB516, which amended certain portions of AB1600, requiring additional information to be included in annual and five-year reports.
- To ensure compliance with the reporting requirements under AB1600, staff contracted with Harris & Associates to complete the attached revised Annual Report for FY 2023-24 and the Five-Year Report for FY 2019-20 through FY 2023-24.
- The report contains the information necessary to comply with the legal requirements under the Mitigation Fee Act and demonstrates a reasonable relationship between the fees and their intended purposes.

FUNDING:

No funding impact.

RECOMMENDED ACTION:

Receive and file the AB1600 Annual Report for Fiscal Year Ended June 30, 2024, and Five-Year Report for FY 2019-20 through FY 2023-24.

ATTACHMENT:

AB1600 Annual Report and Five-Year Report for Development Impact Fees



AB1600 Annual Report and Five-Year Report for Development Impact Fees Zone 7 Water Agency



*Annual Report for the Fiscal Year Ended June 30, 2024 and
Five-Year Report for Fiscal Years 2019-20 through 2023-24*

Prepared by:



Harris & Associates.

1401 Willow Pass Road, Suite 500 | Concord, CA | 94520

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Executive Summary

Development Impact Fees (DIFs) are fees imposed by a local government on new or proposed development projects to ensure public services and infrastructure will be sufficient to serve those new development projects. California state law requires local agencies, on an annual basis, to prepare a report on the status of their DIF program in accordance with California Assembly Bill 1600 (AB1600). This report will serve as the Zone 7 Water Agency's (Zone 7 or Agency) AB1600 report for the fiscal year starting July 1, 2023, and ended June 30, 2024 (FY 2023-24), and Five-Year Report for FY 2019-20 through FY 2023-24. This is the first five-year report prepared for the Agency.

The Water Enterprise Capital Expansion (Water Connection Fees) Program was established on January 18, 1972, with the adoption of Ordinance FC 72-1 as amended for Zone 7. The ordinance applies to the Zone 7 area which includes Livermore, Pleasanton, Dublin, Sunol, and the surrounding communities. The Water Connection Ordinance has been amended multiple times since its adoption with Ordinances FC 77-2, FC-86-136, and FC O-91-68. On February 7th, 2000, Amendment No.1 to the Contract between Zone 7 and Dublin San Ramon Services District (DSRSD) for Municipal and Industrial Water Supply was signed. As a result of this amendment, DSRSD pays water connection fees at building permit issuance to Zone 7 to compensate for Dougherty Valley Service Area's portion of Zone 7's Capital Expansion Program.

The Flood Protection and Storm Water Drainage Development Impact Fee (now named the Flood Protection Development Impact Fee) Ordinance was adopted in 2009 with Zone 7 Ordinance No. 2009-01. The Ordinance adopted the fees described in the March 2009 Development Impact Fees for Flood Protection and Storm Water Drainage Report prepared by HDR Consultants, Inc. As of May 18th, 2009, all funds in the Special Drainage Area (SDA) Operations Fund and SDA 7-1 Trust Fund were transferred to the Flood Protection Development Impact fund (Fund 210) and any outstanding reimbursement agreements from the SDA 7-1 were reassigned to Fund 210. On March 7, 2010, the Zone 7 Board of Directors adopted Ordinance 2010-01, which set the fee schedule for the Flood Protection Development Impact fee, including annual escalation of the fee. Ordinance 2012-01, adopted on January 18th, 2012, removed the fee escalations and maintained the fee set in 2011.

The Water Connection Fee was most recently updated in 2017 with the FY 2016-17 Municipal and Industrial Connection Fee Program Update prepared for Zone 7 by NBS; the fee basis had not been updated since 2011 prior to this study, but the fee is escalated annually for inflation. The Flood Protection Development Impact fee has not been escalated or updated since its adoption in 2011. Zone 7 currently collects the two (2) Development Impact Fees listed in the table below.

Fee	Fund Number
Water Enterprise Capital Expansion (Water Connection Fees) Fund	130
Flood Protection Development Impact Fund	210

Section 1 – Requirements of the Mitigation Fee Act (AB1600)

Assembly Bill 1600 (AB1600), commonly known as the Mitigation Fee Act, was enacted by the State of California in 1987 and created Section 66000 et. seq. of the Government Code. AB1600 requires the Agency to report fee information annually and every fifth year. Within 180 days after the last day of each fiscal year, the Agency must make available the following information from the prior fiscal year:

1. Brief description of the type of fee in the account or fund
2. Amount of the fee
3. Beginning and ending balance in the account or fund
4. Amount of fees collected and the interest earned during the previous year
5. Identification of each public improvement for which fees were expended and the amount of expenditures, including the total percentage of the cost of the public improvement that was funded with fees
6. An identification of an approximate date by which the construction of the public improvement will commence if the local agency determines that sufficient funds have been collected to complete financing on an incomplete public improvement and the public improvement remains incomplete
7. Description of each interfund transfer or loan made from the account, including the public improvement on which the transferred or loaned fees will be expended, and when each loan will be repaid and the rate of interest the account will receive on the loan
8. Identification of any refunds made once determined that sufficient monies have been collected to fund fee-related projects

On October 11, 2023, California Governor Gavin Newsom signed into law AB516 which amended certain portions of the Mitigation Fee Act related to the annual and five-year reporting requirements. Under AB516, Requirements 6 and 8 have been expanded to include:

- 6a. Identification of each public improvement identified in the previous report and whether construction began on the approximate date noted
- 6b. For previously identified projects that did not start construction on the approximate date in the previous report, the reason for the delay and a revised approximate date that the local agency will commence construction, if applicable
- 8a. For any refunds made, the number of persons or entities identified to receive those refunds

The Agency must make this information available for public review and must present it at the next regularly scheduled public meeting no less than 15 days after this information is made available to the public. This report is intended to satisfy the annual reporting requirements for FY 2023-24.

Section 2 – Annual Report

The following section provides information necessary to meet the legal requirements for each impact fee fund. This includes a brief description of the fee, the amount of the fee, the beginning and ending balances, fee revenues collected, interest earned, and the expenditures on each project including the percentage that was funded with fees. It also includes a table summary of whether sufficient funds have been identified to complete future projects and the approximate date by which the construction of the public improvement will commence if sufficient funds have been identified. Any transfers or loans are also identified as well as any refunds from the account.

Fund 130: Water Enterprise Capital Expansion (Water Connection Fees)

Requirement 1. Brief description of the type of fee in the account or fund.

The Water Enterprise Capital Expansion Water Connection Fees are used to fund water acquisitions and expansion to the Zone 7 water supply, treatment, and delivery systems.



Requirement 2. Amount of the fee.

The Water Connection Fees for FY 2023-24 are summarized in **Table 1** below. The amount of the fee charged is determined by the size of the water meter to be installed. **Table 1** lists the fee for a 5/8" meter and fee per dwelling unit equivalent (DUE). The fee is charged per DUE factor for different land uses and is escalated annually on January 1st. The complete fee schedules are included in **Appendix A**.

Table 1: Water Enterprise Capital Expansion Water Connection Fees

Land Use	Fee charged from 1/1/2023 - 12/31/2023		Fee charged from 1/1/2024 - 12/31/2024	
Alameda County Service Area				
Per Dwelling Unit Equivalent (5/8" Meter)	\$	33,730	\$	34,530
Dougherty Valley Service Area				
Per Dwelling Unit Equivalent (5/8" Meter)	\$	32,360	\$	33,130

Requirement 3. Beginning and ending balance in the account or fund.

Table 2 summarizes the beginning and ending fund balances for the Water Enterprise Capital Expansion (Water Connection Fees) Fund for FY 2023-24.

Requirement 4. Amount of fees collected and the interest earned during the previous year.

Table 2 summarizes the fees collected and the interest earned for the Water Enterprise Capital Expansion (Water Connection Fees) Fund during FY 2023-24.

Table 2: Water Enterprise Capital Expansion (Water Connection Fees) Fund Summary

Fund 130	
Water Enterprise Capital Expansion (Water Connection Fees) Fund	
Beginning Fund Balance as of July 1, 2023	\$60,691,689
Revenues	
Fees Collected	\$11,860,411
Other Service Fees	\$0
Interest from Investment	\$2,725,748
Interest from Other Sources	\$133,585
Department of Water Resources Refunds	\$3,020,750
Prior Year Revenue	\$0
Other Revenues	\$0
Total Revenues	\$17,740,494
Expenses	
Project Expenses	\$18,727,991
Other Expenditures	
Administration	\$308,782
Debt Service Costs	\$291,883
Financial Planning	\$45,177
Water Utility Planning	\$69,445
Pension Expense - GASB 68 Adjustment	(\$187,131)
OPEB Expense - GASB 75 Adjustment	(\$5,011)
Total Expenses	\$19,251,136
Transfers In	\$0
Transfers Out	\$0
Ending Fund Balance as of June 30, 2024	\$59,181,047

Source: Zone 7 Water Agency Financial Documents

Requirement 5. Identification of each public improvement for which fees were expended and the amount of expenditures, including the total percentage of the cost of the public improvement that was funded with fees.

Table 3 summarizes the expenditures this past year on Water Enterprise Capital Expansion (Water Connection Fees) projects.

Requirement 6. An identification of an approximate date by which the construction of the public improvement will commence if the local agency determines that sufficient funds have been collected to complete financing on an incomplete public improvement and the public

improvement remains incomplete. Identification of each public improvement identified in the previous report and whether construction began on the approximate date noted. For previously identified projects that did not start construction on the approximate date in the previous report, the reason for the delay and a revised approximate date that the local agency will commence construction, if applicable.

Table 3 summarizes the planned future expenditures for the Water Enterprise Capital Expansion (Water Connection Fees) projects and the anticipated construction start date for each project. If the approximate start date for a project has been revised from the last AB1600 Report, the reason is listed.



Table 3: Water Enterprise Capital Expansion (Water Connection Fees) Projects

Project No.	Project Name	Project Budget ¹	Fund Budget ²	Expenditures to Date	FY23-24 Actual Expenditures	Future Expenditures	% Funded by Fee	Approx. Construction Start Date ³	Approx. Construction Start Date (Revised for FY23-24)	Reason for Revised Start Date (if applicable)
COM0004	2024 Study AMP and CIP Management	\$ 1,132,000	\$ 250,000	\$ -	\$ 54,990	\$ 195,010	22%	2024	n/a	n/a
COM0011	Chain of Lakes Planning	\$ 244,551	\$ 85,540	\$ 85,468	\$ 72	\$ -	35%	Ongoing	n/a	n/a
COM0033	PPWTP Upgrades	\$ 65,000,000	\$ 45,500,000	\$ 43,087,806	\$ 754,839	\$ 1,657,355	70%	2017	n/a	n/a
COM0034	PPWTP Ozonation	\$ 45,000,000	\$ 22,500,000	\$ 21,587,213	\$ 391,902	\$ 520,885	50%	2017	n/a	n/a
COM0038	Chain of Lakes Conveyance System	\$ 175,600,000	\$ 82,532,000	460,890	\$ 64,361	\$ 82,006,749	47%	2032	n/a	n/a
SP50	North Canyons Renewal/Replacement and Improvements	\$ 285,000	\$ 14,250	\$ -	\$ -	\$ 14,250	5%	Ongoing	n/a	n/a
W42	El Charro Pipeline Phase 2	\$ 18,550,000	\$ 18,550,000	\$ -	\$ -	\$ 18,550,000	100%	2029	n/a	n/a
DS54	Patterson Pass Pipeline Enlargement & Replacement	\$ 25,260,000	\$ 16,924,200	\$ -	\$ -	\$ 16,924,200	67%	2030	n/a	n/a
COL10	Chain of Lakes Facilities & Improvements - Water Supply	\$ 1,300,000	\$ 910,000	\$ -	\$ -	\$ 910,000	70%	2027	n/a	n/a
WP7	Fourth Contractor's Share of the SBA - Payments to DWR	\$ 57,000,000	\$ 57,000,000	\$ 30,000,000	\$ 3,000,000	\$ 24,000,000	100%	Ongoing	n/a	n/a
EXP0002	South Bay Aqueduct Enlargement Project - Payments to DWR	\$ 326,000,000	\$ 326,000,000	\$ 196,614,631	\$ 13,604,253	\$ 115,781,116	100%	2003	n/a	n/a
EXP0015	Sites Reservoir	\$ 176,000,000	\$ 176,000,000	\$ 331,097	\$ 569,828	\$ 175,099,075	100%	2030	n/a	n/a
COM0044	Los Vaqueros Reservoir Expansion ⁴	\$ 48,000,000	\$ 9,600,000	\$ 334,524	\$ 287,746	\$ -	20%	2030	n/a	n/a
TBD	City Reach Pipeline Mitigation Planning (formerly Walker Ranch)	\$ 410,000	\$ 410,000		\$ -	\$ 410,000	100%	2025	n/a	n/a
PP43	PPWTP Centrifuge Facility (formerly Solids Handling Expansion)	\$ 5,500,000	\$ 5,500,000	\$ -	\$ -	\$ 5,500,000	100%	2026	n/a	n/a
COM0047	Joint Regional Groundwater Development Project	\$ 2,700,000	\$ 1,350,000	\$ -	\$ -	\$ 1,350,000	50%	2025	n/a	n/a
TBD	Well Master Plan	\$ 825,000	\$ 825,000	\$ -	\$ -	\$ 825,000	100%	2025	n/a	n/a
W50	Bernal Wells 1 & 2 and Pipeline	\$ 28,800,000	\$ 28,800,000	\$ -	\$ -	\$ 28,800,000	100%	2029	n/a	n/a
TOTAL PROJECT EXPENSES		\$ 977,606,551	\$ 792,750,990	\$ 292,501,629	\$ 18,727,991	\$ 472,543,640				
WP11	Cawelo Groundwater Banking Program Debt Service Costs (2018 Refunding) ⁵		\$ 3,800,000	1,735,781	\$ 291,883	\$ 1,772,335				
EXP0001	Miscellaneous Expansion Program Costs:									
	Administration				\$ 308,782					
	Financial Planning				\$ 45,177					
	Water Utility Planning				\$ 69,445					
	Pension Expense - GASB 68 Adjustment				\$ (187,131)					
	OPEB Expense - GASB 75 Adjustment				\$ (5,011)					
GRAND TOTAL		\$ 977,606,551	\$ 796,550,990	\$ 294,237,410	\$ 19,251,136	\$ 474,315,976				

1) Budgets identified by Zone 7 Water Agency to represent the projects' lifetime budgets.

2) The total amount that has been appropriated from this Fund to this project through FY 2023/24.

3) Construction start date may be revised pending availability of funds.

4) Future expenditures for project #COM0044 have been removed from this table. The Los Vaqueros Reservoir Expansion project is unlikely to have future expenditures because the JPA for this project was dissolved.

5) In 2018, the Agency issued the 2018 Water Revenue Bonds, Series A to prepay \$15,290,000 of the Agency's obligations in connection with the Cawelo Water District Certificates of Participation, Series 2006.

Requirement 7. Description of each interfund transfer or loan made from the account, including the public improvement on which the transferred or loaned fees will be expended, and when each will be repaid and the rate of interest the account will receive on the loan.

There were no transfers to or from this fund in FY 23-24.

Requirement 8. Identification of any refunds made once determined that sufficient monies have been collected to fund fee-related projects. For any refunds made, the number of persons or entities identified to receive those refunds.

There were no refunds made from this fund in FY 23-24.

Fund 210: Flood Protection Development Impact Fee

Requirement 1. Brief description of the type of fee in the account or fund.

The Flood Protection Development Impact Fee is collected to fund acquisition, construction, engineering, and improvement of flood protection and storm water drainage elements such as those identified in the Zone 7 Stream Management Master Plan (2006) and future projects to be identified in the Zone 7 Flood Management Plan. The Agency completed Phase 1 of the Flood Management Plan in 2022, and Phase 2 of the Plan is currently in progress.



Requirement 2. Amount of the fee.

The Flood Protection Development Impact Fee for FY 2023-24 is summarized in **Table 4** below. The fee was set in 2011 with Ordinance No. 2010-01 and maintained in 2012 with Ordinance No. 2012-01. The fee has not been updated or escalated since. The Agency anticipates that updates to the fee will occur as the Flood Management Plan is completed.

Table 4: Flood Protection Development Impact Fee

Land Use	Fee effective as of July 1, 2011	
Fee per Square Foot of New Impervious Surface	\$	1.00

Requirement 3. Beginning and ending balance in the account or fund.

Table 5 summarizes the beginning and ending fund balances for the Flood Protection Development Impact Fee for FY 2023-24.

Requirement 4. Amount of fees collected and the interest earned during the previous year.

Table 5 summarizes the fees collected and the interest earned for the Flood Protection Development Impact Fee during FY 2023-24.

Table 5: Flood Protection Development Impact Fee Fund Summary

Fund 210	
Flood Protection Development Impact Fee	
Beginning Fund Balance as of July 1, 2023	\$75,844,801
Revenues	
Fees Collected	\$1,518,562
Other Service Fees	\$117,532
Interest from Investment	\$2,535,367
Interest from Other Sources	\$0
Department of Water Resources Refunds	\$0
Prior Year Revenue	\$46,755
Other Revenues	\$0
Total Revenues	\$4,218,216
Expenses	
Project Expenses	\$56,765
Other Expenditures	
Administration	\$0
Debt Service Costs	\$0
Financial Planning	\$11,277
Water Utility Planning	\$0
Pension Expense - GASB 68 Adjustment	\$0
OPEB Expense - GASB 75 Adjustment	\$0
Total Expenses	\$68,042
Transfers In	\$0
Transfers Out¹	(\$221,105)
Ending Fund Balance as of June 30, 2024	\$79,773,870

Source: Zone 7 Water Agency Financial Documents

1) Transfer out to State Grant Fund for revenue reported as unavailable since this revenue was not received soon enough after year-end to be considered available. These funds will transfer back into Fund 210 in FY 24-25.

Requirement 5. Identification of each public improvement for which fees were expended and the amount of expenditures, including the total percentage of the cost of the public improvement that was funded with fees.

Table 6 summarizes the expenditures this past year on Flood Protection Development Impact Fee projects.

Requirement 6. An identification of an approximate date by which the construction of the public improvement will commence if the local agency determines that sufficient funds have been collected to complete financing on an incomplete public improvement and the public improvement remains incomplete. Identification of each public improvement identified in the previous report and whether construction began on the approximate date noted. For previously identified projects that did not start construction on the approximate date in the previous report, the reason for the delay and a revised approximate date that the local agency will commence construction, if applicable.

Table 6 summarizes the planned future expenditures for the Flood Protection Development Impact Fee projects and the anticipated construction start date for each project. If the approximate start date for a project has been revised from the last AB1600 Report, the reason is listed.

Table 6: Flood Protection Development Impact Fee Projects

Project No.	Project Name	Total Project Budget ¹	Fund Budget ²	Expenditures to Date	FY23-24	Future Expenditures	% Funded by Fee ³	Approx.	Construction Start	Reason for Revised
					Actual Expenditures			Construction Start Date ⁴	Date (Revised for FY23-24)	Start Date (if applicable)
COM0011	Chain of Lakes Planning	\$ 244,551	\$ 68,474	\$ 68,416	\$ 58	\$ -	28%	Ongoing	n/a	n/a
COM0013	Flow Studies - Steelhead Restoration	\$ 305,686	\$ 152,843	\$ 151,873	\$ 970	\$ -	50%	2007	n/a	n/a
COM0015	Sediment Study - SFE 2010	\$ 743,561	\$ 304,860	\$ 304,606	\$ 254	\$ -	41%	2011	Completed	n/a
COM0030	Arroyo Mocho Medeiros Project ⁵	\$ 2,248,163	\$ 1,075,283	\$ 1,067,783	\$ 7,500	\$ -	48%	2016	Completed	n/a
COM0043	Flood Management Plan - Phase 2 ⁶	\$ 3,798,000	\$ 1,557,180	\$ 450,414	\$ 47,983	\$ 1,058,783	41%	2022	n/a	n/a
DIF001	Camp Parks Detention Basin Developer Reimbursement	\$ 3,035,000	\$ 3,035,000	\$ -	\$ -	\$ 3,035,000	100%	2025	n/a	n/a
R.1-1	Altamont Creek Improvements ⁸	\$ 1,177,595	\$ 200,191	\$ -	\$ -	\$ 200,191	17%	2026	n/a	n/a
R.1-3	Springtown Improvements ⁹	\$ 2,897,807	\$ 492,627	\$ -	\$ -	\$ 492,627	17%	Ongoing	n/a	n/a
R.1-4	Springtown Golf Course Improvements ¹⁰	\$ 646,523	\$ 109,909	\$ -	\$ -	\$ 109,909	17%	Ongoing	n/a	n/a
R.1-5	Arroyo las Positas Habitat Enhancement and Recreation Project	\$ 2,528,366	\$ 429,822	\$ -	\$ -	\$ 429,822	17%	TBD ⁷	n/a	n/a
R.1-6	Arroyo las Positas Multi-Purpose Project ¹¹	\$ 4,848,920	\$ 824,316	\$ -	\$ -	\$ 824,316	17%	Ongoing	n/a	n/a
R.1-7	Capacity Improvement at Arroyo las Positas ¹²	\$ 461,802	\$ 78,506	\$ 61,731	\$ -	\$ 16,775	17%	TBD ⁷	n/a	n/a
R.2-1	Velocity Control Project	\$ 5,206,817	\$ 885,159	\$ -	\$ -	\$ 885,159	17%	TBD ⁷	n/a	n/a
R.2-2	Arroyo Seco Improvements	\$ 2,932,442	\$ 498,515	\$ -	\$ -	\$ 498,515	17%	TBD ⁷	n/a	n/a
R.3-2	Robertson Park Enhancement Project and Levee Construction	\$ 17,052,037	\$ 2,898,846	\$ -	\$ -	\$ 2,898,846	17%	TBD ⁷	n/a	n/a
R.3-3	Parks Floodplain Dedication and Levee Construction	\$ 17,144,397	\$ 2,914,547	\$ -	\$ -	\$ 2,914,547	17%	TBD ⁷	n/a	n/a
R.3-4	Holmes St. Sedim. Basin and Granada/Murrieta Prot. and Enh. Prj	\$ 11,291,057	\$ 1,919,480	\$ 96,619	\$ -	\$ 1,822,861	17%	TBD ⁷	n/a	n/a
R.7-3	Lower Arroyo del Valle Restoration and Enhancement Project	\$ 92,360	\$ 15,701	\$ -	\$ -	\$ 15,701	17%	TBD ⁷	n/a	n/a
R.8-1	Tassajara Creek Improvement Project	\$ 3,913,771	\$ 665,341	\$ -	\$ -	\$ 665,341	17%	TBD ⁷	n/a	n/a
R.8-2	Chabot Canal Improvement Project ¹³	\$ 20,954,263	\$ 3,562,225	\$ -	\$ -	\$ 3,562,225	17%	Ongoing	n/a	n/a
R.8-3	Lower Arroyo Mocho Improvement Project	\$ 14,754,572	\$ 2,508,277	\$ -	\$ -	\$ 2,508,277	17%	TBD ⁷	n/a	n/a
R.8-4	Upper Arroyo de la Laguna (ADLL) Improvement Project	\$ 51,052,204	\$ 8,678,875	\$ -	\$ -	\$ 8,678,875	17%	TBD ⁷	n/a	n/a
R.9-1	Alamo Canal/South San Ramon Creek Erosion Control ¹⁴	\$ 7,238,745	\$ 1,230,587	\$ 21,670	\$ -	\$ 1,208,917	17%	Ongoing	n/a	n/a
R.9-2	Line F-4 Concrete Lining	\$ 1,443,131	\$ 245,332	\$ -	\$ -	\$ 245,332	17%	TBD ⁷	n/a	n/a
R.9-3	Line J-1, J-3, and J-5 Improvements	\$ 9,778,656	\$ 1,662,372	\$ -	\$ -	\$ 1,662,372	17%	TBD ⁷	n/a	n/a
R.9-4	Line T Crossing Retrofit	\$ 3,405,789	\$ 578,984	\$ -	\$ -	\$ 578,984	17%	TBD ⁷	n/a	n/a
R.9-6	Line G-1-1 Maintenance Plan	\$ 334,806	\$ 56,917	\$ -	\$ -	\$ 56,917	17%	TBD ⁷	n/a	n/a
R.9-7	Alamo Canal Flood Control Program	\$ 10,055,737	\$ 1,709,475	\$ -	\$ -	\$ 1,709,475	17%	TBD ⁷	n/a	n/a
R.10-1	ADLL Improvement Project 1	\$ 1,985,748	\$ 337,577	\$ -	\$ -	\$ 337,577	17%	TBD ⁷	n/a	n/a
R.10-2	ADLL Improvement Project 2	\$ 1,119,870	\$ 190,378	\$ -	\$ -	\$ 190,378	17%	TBD ⁷	n/a	n/a
R.10-3	ADLL Improvement Project 3 ¹⁵	\$ 7,342,651	\$ 1,248,251	\$ -	\$ -	\$ 1,248,251	17%	Ongoing	n/a	n/a
R.10-4	ADLL Improvement Project 4	\$ 2,793,902	\$ 474,963	\$ -	\$ -	\$ 474,963	17%	TBD ⁷	n/a	n/a
R.10-5	ADLL Improvement Project 5 ¹⁶	\$ 14,581,396	\$ 2,478,837	\$ 49,300	\$ -	\$ 2,429,537	17%	Ongoing	n/a	n/a
R.11-2	Sinbad Creek Project	\$ 311,716	\$ 52,992	\$ -	\$ -	\$ 52,992	17%	TBD ⁷	n/a	n/a
R.5-2	Airway Improvement Project	\$ 16,774,955	\$ 9,561,724	\$ -	\$ -	\$ 9,561,724	57%	TBD ⁷	n/a	n/a
R.5-3	Arroyo Las Positas Diversion Project ¹⁷	\$ 171,871,136	\$ 97,966,548	\$ 5,130,000	\$ -	\$ 92,836,548	57%	Ongoing	n/a	n/a
R.6-2	Arroyo Mocho Bypass and Regional Storage at Chain of Lakes	\$ 139,464,185	\$ 79,494,585	\$ -	\$ -	\$ 79,494,585	57%	TBD ⁷	n/a	n/a
TOTAL PROJECT EXPENSES		\$ 555,832,317	\$ 230,165,500	\$ 7,402,412	\$ 56,765	\$ 222,706,323				
DIF0001	Miscellaneous DIF Program Costs:									
	Financial Planning					\$ 11,277				
GRAND TOTAL		\$ 555,832,317	\$ 230,165,500	\$ 7,402,412	\$ 68,042	\$ 222,706,323				

1) Budgets identified from the Zone 7 2009 Stream Management Master Plan (SMMP).

2) The total amount that has been appropriated from this Fund to this project through FY 2023/24.

3) The costs of conveyance related projects are 17% eligible for inclusion in the development impact fee, based upon the ratio of future impervious surface area to total impervious surface area at build out conditions. The costs of storage-related projects are 57% eligible for inclusion in the development impact fee based upon the storage volume required to offset the additional storm water flows attributed to the impervious surfaces created by future development such that the peak flood wave at the outlet of Zone 7's service area does not increase between now and build out conditions.

4) Construction start date may be revised pending availability of funds.

5) Project received \$500,000 grant through the California River Parkways program to improve the trails along the Arroyo Mocho.

6) Project was awarded a \$828K grant from the Department of Water Resources Integrated Regional Water Management Program Prop 1 Round 2 Grant.

7) Anticipated construction start date and budgets for this project will be evaluated and updated as part of the Agency's forthcoming Flood Management Plan.

8) This project includes maintenance to address sediment removal, which is planned to occur in Summer 2026. The remaining elements of this project will be evaluated as part of the Agency's forthcoming Flood Management Plan.

9) This project includes sediment removal, invasive species management, and replanting, which are completed. The remaining elements of this project will be evaluated as part of the Agency's forthcoming Flood Management Plan.

10) This project includes a pedestrian bridge and vegetation management in Arroyo Las Positas between Heather Lane and Bluebell Dr, which was completed by the City of Livermore. The remaining elements of this project will be evaluated as part of the Agency's forthcoming Flood Management Plan.

11) This project includes a trail to Las Colinas Rd constructed from Kohl's to Las Colinas Rd by the City/Developer. The remaining elements of this project will be evaluated as part of the Agency's forthcoming Flood Management Plan.

12) Initial study for this project was conducted by Engineering. Further modeling showed minor impacts and the project was postponed for its low priority. This may be re-evaluated as part of the forthcoming Flood Management Plan.

13) Detention basin construction completed. Zone 7 reimbursed \$3.035M to developer in 2025. This is shown on the line for Project DIF001. The remaining elements of this project will be evaluated as part of the Agency's forthcoming Flood Management Plan.

14) This project includes the Alamo Creek stabilization. Figures provided are expenditures for Alamo Creek portions of the project only. The remaining elements of this project will be evaluated as part of the Agency's forthcoming Flood Management Plan.

15) This project included removal of the concrete structure for emergency maintenance, which has already been completed. The remaining elements of this project will be evaluated as part of the Agency's forthcoming Flood Management Plan.

16) This project included installation of a stream flow gauge as part of early warning storm/ flood warning system. The remaining elements of this project will be evaluated as part of the Agency's forthcoming Flood Management Plan.

17) \$5.13M has already been paid to City of Livermore for the El Charro Specific Plan Area Flood Protection Improvements (agreement # A11-83-LIV). The remaining elements of this project will be evaluated as part of the Agency's forthcoming Flood Management Plan.

Requirement 7. Description of each interfund transfer or loan made from the account, including the public improvement on which the transferred or loaned fees will be expended, and when each will be repaid and the rate of interest the account will receive on the loan.

\$221,105 was transferred out of Fund 210 to the State Grant Fund in FY 2023-24 for revenue that was reported as unavailable as this revenue was not received soon enough after fiscal year-end to be considered available revenue. These are funds received for the Department of Water Resources Integrated Regional Water Management Program Prop 1 Round 2 Grant for the Flood Management Master Plan. These funds will transfer back into Fund 210 in FY 2024-25.

Requirement 8. Identification of any refunds made once determined that sufficient monies have been collected to fund fee-related projects.

There were no refunds made from this fund in FY 2023-24

Development Impact Fee Summary for FY 2023-24

Description		Water Enterprise Capital Expansion (Water Connection Fees) Fund	Flood Protection Development Impact Fee Fund	Total
	Fund No.	130	210	
Starting Balance				
	As of July 1, 2023	\$ 60,691,689	\$ 75,844,801	\$ 136,536,490
REVENUES				
Fees Collected	\$	11,860,411	\$ 1,518,562	\$ 13,378,973
Other Service Fees	\$	-	\$ 117,532	\$ 117,532
Interest from Investment	\$	2,725,748	\$ 2,535,367	\$ 5,261,115
Interest from Other Sources Dept	\$	133,585	\$ -	\$ 133,585
Department Water Resources Refunds	\$	3,020,750	\$ -	\$ 3,020,750
Prior Year Revenue	\$	-	\$ 46,755	\$ 46,755
Other Revenues	\$	-	\$ -	\$ -
Total Revenues	\$	17,740,494	\$ 4,218,216	\$ 21,958,710
EXPENSES				
Project Expenditures	\$	18,727,991	\$ 56,765	\$ 18,784,756
Other Expenditures				
Administration	\$	308,782	\$ -	\$ 308,782
Debt Service Costs	\$	291,883	\$ -	\$ 291,883
Financial Planning	\$	45,177	\$ 11,277	\$ 56,454
Water Utility Planning	\$	69,445	\$ -	\$ 69,445
Pension Expense - GASB 68 Adjustment	\$	(187,131)	\$ -	\$ (187,131)
OPEB Expense - GASB 75 Adjustment	\$	(5,011)	\$ -	\$ (5,011)
Total Expenditures	\$	19,251,136	\$ 68,042	\$ 19,319,178
Transfers In	\$	-	\$ -	\$ -
Transfers Out¹	\$	-	\$ (221,105)	\$ (221,105)
Net Transfers	\$	-	\$ (221,105)	\$ (221,105)
Ending Balance				
	As of June 30, 2024	\$ 59,181,047	\$ 79,773,870	\$ 138,954,917

Source: Zone 7 Water Agency Financial Documents

1) Transfer out to State Grant Fund for revenue reported as unavailable since this revenue was not received soon enough after year-end to be considered available. These funds will transfer back into Fund 210 in FY 24-25.

Section 3 – Fiscal Years 2019-20 through 2023-24 Five Year Report

In accordance with Government Code Section 66001, this section addresses the five-year requirements with respect to any remaining funds in the DIF accounts, regardless of whether those funds are committed or uncommitted for FY 2019-20 through FY 2023-24. This is the first five-year report prepared for the Agency. The following section provides information necessary to meet the legal requirement for the Five-Year report for the DIF funds.

Requirement 1. Identification of the purpose to which the fees are to be put.

The purpose of the DIFs imposed and collected on new development within the Agency's service area during FY 2019-20 through FY 2023-24 was to fund facilities and improvements that are needed to serve the new development within the Agency's service area. The purpose of each fee is identified within Section 2 of the Annual AB1600 Report. Future Projects are identified in each of the individual Fund subsections.

Requirement 2. Demonstrate a reasonable relationship between the fee and the purpose for which it is charged.

There is a proportional relationship between the impact fees charged on new development based upon the need for additional facilities to serve the additional residents and employees that will be generated by the new development. The Agency does not have the capacity in its existing facilities to accommodate these new residents and employees. By charging the fee based on the additional demand created by each land use, the fees directly correlate to the demand created by each new development. Both impact fees charged by the Agency were updated by AB1600 Fee Update Studies. Each fee had to undergo rigorous nexus requirements that: identify the purpose of the fee; identify the use to which the fee is to be put; determine how there is a reasonable relationship between the fees use and the type of development project on which the fee is imposed; determine how there is a reasonable relationship between the need for the public facility and the type of development project on which the fee is imposed; and determine how there is a reasonable relationship between the amount of the fee and the cost of the public facility attributable to the development on which the fee is imposed.

Requirement 3. Identification of all sources and amounts of funding anticipated to complete financing in incomplete improvements identified as part of the Agency's annual report.

Table 7 summarizes the fund balance for each fund as of June 30, 2024, the balances that have been held for longer than five years, as well as the costs of the pending projects currently identified in the Agency’s Capital Improvement Plan, Stream Management Master Plan and the DIF Nexus Study completed in 2009. Projects that are funded partially with Development Impact Fees will also be funded using grants and other Agency funds. Since improvements are triggered based on the timing and location of development, improvements will be programmed as deemed necessary by the Agency and their CIP prioritization process. Both fees satisfy the five-year test, meaning that planned future expenditures exceed revenues held for more than five years.

Table 7: DIF Funding Balances and Future Project Costs

Fund No.	Fund Name	Fund Balance (as of 6/30/24)	Five Year Holdings Balance	Future Project Costs
130	Water Enterprise Capital Expansion (Water Connection Fees)	\$ 59,181,047	\$ -	\$ 474,315,976
210	Flood Protection Development Impact Fee Fund	\$ 79,773,870	\$ 65,427,415	\$ 222,706,323
TOTAL		\$138,954,917	\$ 65,427,415	\$ 697,022,299

Requirement 4. Identification of the approximate dates on which the funding referred to in Requirement 3 is expected to be deposited into the appropriate account or fund.

The project tables for each Fund within this report list the public improvement projects that are anticipated to be constructed using DIF funds. Anticipated construction start dates are listed based upon when the Agency anticipates complete funding and staff capacity for the project will be available. Due to CIP priority shifts and the uncertainty of the timing and location of new development, anticipated construction times may vary until sufficient funds have been collected and priorities identified.

Appendix A: Water Enterprise Capital Expansion Water Connection Fee Schedules

**Table A-1: Alameda County Service Area - Water Enterprise Capital Expansion
Water Connection Fees Schedule Effective January 1, 2023**

Meter Size	Meter Brand/Type	Fee Factor	Connection Fee
5/8" & 1" Fire Service	Displacement Type	1.0	\$ 33,730
3/4"	Displacement Type	1.5	\$ 50,595
1"	Displacement Type	2.5	\$ 84,325
5/8"	IPERL Electromagnetic	2.5	\$ 84,325
5/8" x 3/4"	Diehl Ultrasonic	2.2	\$ 74,206
	Kamstrup Ultrasonic	2.5	\$ 84,325
	IPERL Electromagnetic	3.5	\$ 118,055
3/4" Short & Long	Diehl Ultrasonic	3.2	\$ 107,936
	Kamstrup Ultrasonic	3.5	\$ 118,055
	IPERL Electromagnetic	3.5	\$ 118,055
1"	Diehl Ultrasonic	5.5	\$ 185,515
	Kamstrup Ultrasonic	5.5	\$ 185,515
	IPERL Electromagnetic	5.5	\$ 185,515
1 1/2"	Displacement Type	5.0	\$ 168,650
	Diehl Ultrasonic	10.0	\$ 337,300
	Kamstrup Ultrasonic	12.0	\$ 404,760
	Omni C2	16.0	\$ 539,680
	Omni T2	16.0	\$ 539,680
2"	Omni with 50 GPM Restriction	5.0	\$ 168,650
	Displacement Type	8.0	\$ 269,840
	Omni with 80 GPM Restriction	8.0	\$ 269,840
	Mueller MVR	11.5	\$ 387,895
	Omni with 120 GPM Restriction	12.0	\$ 404,760
	Sensus SR/SRII	16.0	\$ 539,680
	Kamstrup Short Ultrasonic	16.0	\$ 539,680
	Kamstrup Long Ultrasonic	16.0	\$ 539,680
	Omni C2	16.0	\$ 539,680
	Diehl Ultrasonic	17.0	\$ 573,410
	Omni T2	20.0	\$ 674,600
	evoQ4 Magnetic	22.0	\$ 742,060

Notes:

- 1) This fee schedule is effective as of January 1, 2023. The Agency periodically reviews and modifies these fees.
- 2) Connection fees for meters 3" and larger and for meters with fee factors not shown above will be determined by the Zone 7 Water Agency, using the fee factor for Maximum Rate for Continuous Operation as defined by AWWA. These fees are based on the Maximum Continuous Flow Rate through a 5/8" meter and are proportional based on flow ratings for the various sized meters. Flow ratings for displacement type meters are defined by AWWA C700 for Cold-Water Meter -- Displacement Type, Bronze Case. Flow ratings for turbine type meters are defined by AWWA C701 for Cold Water Meters -- Turbine Type, For Customer Service. Any changes to meter capacities will affect the above connection fees.
- 3) Per Fee Ordinance Section VI, combined domestic and fire service connections are subject to the connection charge based on the meter size for the combined system, except the basic charge shall be collected for combined systems, up to a maximum of one-inch (1") meter size, for single family and duplex housing units with fire sprinkler systems approved by the appropriate fire department and installed in accordance with applicable building requirements.
- 4) At the time this fee schedule is in effect, the Diehl, Kamstrup, and evoQ4 meters are only available in Pleasanton.



Table A-2: Dougherty Valley Service Area Water Enterprise Capital Expansion (Water Connection) Fee Schedule Effective January 1, 2023

Meter Size	Meter Brand/Type	Recommended Maximum Rate for Continuous Use (gpm)	Connection Fee	Facility Use Fee	Total Fee
5/8" & 1" Fire Service	Displacement Type	10	\$ 32,360	\$ 3,940	\$ 36,300
3/4"	Displacement Type	15	\$ 48,540	\$ 5,910	\$ 54,450
1"	Displacement Type	25	\$ 80,900	\$ 9,850	\$ 90,750
1 1/2"	Displacement Type	50	\$ 161,800	\$ 19,700	\$ 181,500
	Omni with 50 GPM Restrictor	50	\$ 161,800	\$ 19,700	\$ 181,500
	Omni C2	160	\$ 517,760	\$ 63,040	\$ 580,800
	Omni T2	160	\$ 517,760	\$ 63,040	\$ 580,800
2"	Displacement Type	80	\$ 258,880	\$ 31,520	\$ 290,400
	Omni with 80 GPM Restriction	80	\$ 258,880	\$ 31,560	\$ 290,440
	Omni with 120 GPM Restriction	120	\$ 388,320	\$ 47,280	\$ 435,600
	Omni C2	160	\$ 517,760	\$ 63,040	\$ 580,800
	Omni T2	200	\$ 647,200	\$ 78,800	\$ 726,000

Notes:

- 1) This fee schedule is effective as of January 1, 2023. The Agency periodically reviews and modifies these fees.
- 2) Connection fees for meters 3" and larger and for meters with fee factors not shown above will be determined by the Zone 7 Water Agency, using the fee factor for Maximum Rate for Continuous Operation as defined by AWWA. These fees are based on the Maximum Continuous Flow Rate through a 5/8" meter and are proportional based on flow ratings for the various sized meters. Flow ratings for displacement type meters are defined by AWWA C700 for Cold-Water Meter -- Displacement Type, Bronze Case. Flow ratings for turbine type meters are defined by AWWA C701 for Cold Water Meters -- Turbine Type, For Customer Service. Any changes to meter capacities will affect the above connection fees.
- 3) Per Fee Ordinance Section VI, combined domestic and fire service connections are subject to the connection charge based on the meter size for the combined system, except the basic charge shall be collected for combined systems, up to a maximum of one-inch (1") meter size, for single family and duplex housing units with fire sprinkler systems approved by the appropriate fire department and installed in accordance with applicable building requirements.

**Table A-3: Alameda County Service Area - Water Enterprise Capital Expansion
Water Connection Fees Schedule Effective January 1, 2024**

Meter Size	Meter Brand/Type	Fee Factor	Connection Fee
5/8" & 1" Fire Service	Displacement Type	1.0	\$ 34,530
3/4"	Displacement Type	1.5	\$ 51,795
1"	Displacement Type	2.5	\$ 86,325
5/8"	IPERL Electromagnetic	2.5	\$ 86,325
5/8" x 3/4"	Diehl Ultrasonic	2.2	\$ 75,966
	Kamstrup Ultrasonic	2.5	\$ 86,325
	IPERL Electromagnetic	3.5	\$ 120,855
3/4" Short & Long	Diehl Ultrasonic	3.2	\$ 110,496
	Kamstrup Ultrasonic	3.5	\$ 120,855
	IPERL Electromagnetic	3.5	\$ 120,855
1"	Diehl Ultrasonic	5.5	\$ 189,915
	Kamstrup Ultrasonic	5.5	\$ 189,915
	IPERL Electromagnetic	5.5	\$ 189,915
1 1/2"	Displacement Type	5.0	\$ 172,650
	Diehl Ultrasonic	10.0	\$ 345,300
	Kamstrup Ultrasonic	12.0	\$ 414,360
	Omni C2	16.0	\$ 552,480
	Omni T2	16.0	\$ 552,480
2"	Omni with 50 GPM Restriction	5.0	\$ 172,650
	Displacement Type	8.0	\$ 276,240
	Omni with 80 GPM Restriction	8.0	\$ 276,240
	Mueller MVR	11.5	\$ 397,095
	Omni with 120 GPM Restriction	12.0	\$ 414,360
	Sensus SR/SRII	16.0	\$ 552,480
	Kamstrup Short Ultrasonic	16.0	\$ 552,480
	Kamstrup Long Ultrasonic	16.0	\$ 552,480
	Omni C2	16.0	\$ 552,480
	Diehl Ultrasonic	17.0	\$ 587,010
	Omni T2	20.0	\$ 690,600
	evoQ4 Magnetic	22.0	\$ 759,660

Notes:

- 1) This fee schedule is effective as of January 1, 2024. The Agency periodically reviews and modifies these fees.
- 2) Connection fees for meters 3" and larger and for meters with fee factors not shown above will be determined by the Zone 7 Water Agency, using the fee factor for Maximum Rate for Continuous Operation as defined by AWWA. These fees are based on the Maximum Continuous Flow Rate through a 5/8" meter and are proportional based on flow ratings for the various sized meters. Flow ratings for displacement type meters are defined by AWWA C700 for Cold-Water Meter -- Displacement Type, Bronze Case. Flow ratings for turbine type meters are defined by AWWA C701 for Cold Water Meters -- Turbine Type, For Customer Service. Any changes to meter capacities will affect the above connection fees.
- 3) Per Fee Ordinance Section VI, combined domestic and fire service connections are subject to the connection charge based on the meter size for the combined system, except the basic charge shall be collected for combined systems, up to a maximum of one-inch (1") meter size, for single family and duplex housing units with fire sprinkler systems approved by the appropriate fire department and installed in accordance with applicable building requirements.
- 4) At the time this fee schedule is in effect, the Diehl, Kamstrup, and evoQ4 meters are only available in Pleasanton.



Table A-4: Dougherty Valley Service Area Water Enterprise Capital Expansion (Water Connection) Fee Schedule Effective January 1, 2024

Meter Size	Meter Brand/Type	Recommended Maximum Rate for Continuous Use (gpm)	Connection Fee	Facility Use Fee	Total Fee
5/8" & 1" Fire Service	Displacement Type	10	\$ 33,130	\$ 3,940	\$ 37,070
3/4"	Displacement Type	15	\$ 49,395	\$ 5,910	\$ 55,305
1"	Displacement Type	25	\$ 82,825	\$ 9,850	\$ 92,675
1 1/2"	Displacement Type	50	\$ 165,650	\$ 19,700	\$ 185,350
	Omni with 50 GPM Restrictor	50	\$ 165,650	\$ 19,700	\$ 185,350
	Omni C2	160	\$ 530,080	\$ 63,040	\$ 593,120
	Omni T2	160	\$ 530,080	\$ 63,040	\$ 593,120
2"	Displacement Type	80	\$ 265,040	\$ 31,520	\$ 296,560
	Omni with 80 GPM Restriction	80	\$ 264,040	\$ 31,560	\$ 295,600
	Omni with 120 GPM Restriction	120	\$ 397,560	\$ 47,280	\$ 444,840
	Omni C2	160	\$ 530,080	\$ 63,040	\$ 593,120
	Omni T2	200	\$ 662,600	\$ 78,800	\$ 741,400

Notes:

- 1) This fee schedule is effective as of January 1, 2024. The Agency periodically reviews and modifies these fees.
- 2) Connection fees for meters 3" and larger and for meters with fee factors not shown above will be determined by the Zone 7 Water Agency, using the fee factor for Maximum Rate for Continuous Operation as defined by AWWA. These fees are based on the Maximum Continuous Flow Rate through a 5/8" meter and are proportional based on flow ratings for the various sized meters. Flow ratings for displacement type meters are defined by AWWA C700 for Cold-Water Meter -- Displacement Type, Bronze Case. Flow ratings for turbine type meters are defined by AWWA C701 for Cold Water Meters -- Turbine Type, For Customer Service. Any changes to meter capacities will affect the above connection fees.
- 3) Per Fee Ordinance Section VI, combined domestic and fire service connections are subject to the connection charge based on the meter size for the combined system, except the basid charge shall be collected for combined systems, up to a maximum of one-inch (1") meter size, for single family and duplex housing units with fire sprinkler systems approved by the appropriate fire department and installed in accordance with applicable building requirements.