

NOTICE OF REGULAR MEETING OF BOARD OF DIRECTORS

DATE: Wednesday, May 15, 2024  
TIME: 6:00 p.m. Closed Session  
7:00 p.m. Open Session (time approximate)  
LOCATION: Zone 7 Administration Building  
100 North Canyons Parkway, Livermore, California

VIDEO/TELECONFERENCE:

<https://us02web.zoom.us/j/85698193180>

(669) 444-9171, Meeting ID: 856 9819 3180

LIVE STREAMING: Comcast Channel 29

AT&T U-Verse Channel 99 (Livermore)

Streaming Live at [tv29live.org](http://tv29live.org)

ADDITIONAL TELECONFERENCE LOCATION (Gov't Code 54953(b)):

15420 Gallaudet Ave.  
Silver Spring, MD 20905

Any member of the public wishing to address the Board on an item under discussion may do so upon receiving recognition from the President. If the public wishes to provide comment before the meeting, please email [publiccomment@zone7water.com](mailto:publiccomment@zone7water.com) by 3:00 p.m. on Wednesday, May 15<sup>th</sup>.

In compliance with the Americans with Disabilities Act, the meeting room is wheelchair accessible and disabled parking is available at the Zone 7 Administrative Building lot. If you are a person with a disability and you need disability-related modifications or accommodations to participate in this meeting, please contact the Executive Assistant, Donna Fabian, at (925) 454-5000 or fax (925) 454-5723. 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 – Anticipated Litigation: Significant Exposure to Litigation Pursuant to Government Code Section 54956.9(d)(2): (1 potential case).
  - b. Conference with Labor Negotiators pursuant to Government Code section 54954.5: Agency Negotiators: Valerie Pryor/Osborn Solitei Employee Organizations: Alameda County Management Employees Association; Alameda County Building and Construction Trades Council, Local 342, AFL-CIO; International Federation of Professional and Technical Engineers, Local 21, AFL-CIO; Local 1021 of the Service Employees International Union, CTW; Unrepresented Management
  - c. Conference with Legal Counsel – Existing litigation pursuant to Gov't Code section 54956.9(d) (1): (1) State Water Contractors v. California Department of Fish & Wildlife (JCCP Case No. 5117), (2) Stark v. Alameda County Flood Control and Water Conservation District, Zone 7 (Alameda County Superior Court Case No. 22-CV-5837), (3) Bautista v. Alameda County Flood Control and Water Conservation District, Zone 7 (Alameda County Superior Court Case No. 22-CV-10679); (4) Alameda County Flood Control & Water Conservation District, Zone 7 v. County of Alameda, (Alameda County Superior Court Case No. 23-CV-51449); (5) Alameda County Flood Control & Water Conservation District, Zone 7 v. City of Pleasanton (Alameda County Superior Court Case No. 24-CV-61595); (6) In re: Aqueous Film-Forming Foams Products Liability Litigation (S.D. South Carolina, MDL No. 2:18-mn-2873-RMG).
  - d. Conference with Legal Counsel – Anticipated Litigation: Initiation of litigation pursuant to § 54956.9(d) (one case)
3. Open Session and Report Out of Closed Session
4. Pledge of Allegiance
5. Roll Call of Directors
6. Public Comment on Non-Agenda Items

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

7. Minutes
  - a. Special Board Meeting Minutes of April 3, 2024
  - b. Regular Board Meeting Minutes of April 17, 2024
8. Consent Calendar
  - a. Award Contracts for On-Call Water Supply Systems Engineering Services
  - b. Award Contracts for On-Call Electrical Engineering Services
  - c. Award a Contract for On-Call Materials Testing and Support Services
  - d. Award Contracts for On-Call Construction Management Support Services
  - e. Award a Contract for On-Call Hydraulic Modeling Support Services

Recommended Action: Adopt Resolutions

9. Reports – Directors
  - a. Written Reports
  - b. Verbal Reports
10. Items for Future Agenda – Directors
11. Staff Reports
  - a. General Manager’s Report
  - b. April Outreach Activities
  - c. Legislative Update
  - d. Monthly Water Inventory and Water Budget Update
  - e. Capital Projects Status Report
12. Adjournment
13. Upcoming Board Schedule: (All meeting locations are in the Boardroom at 100 North Canyons Parkway, Livermore, unless otherwise noted.)
  - a. Finance Committee Meeting: May 29, 2024, 11:00 am
  - b. Legislative Committee Meeting: May 23, 2024, 4:00 pm
  - c. Special Board Meeting: June 5, 2024, 6:00 pm
  - d. Regular Board Meeting: June 11, 2024, 7:00 pm



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

MINUTES OF THE BOARD OF DIRECTORS  
ZONE 7

ALAMEDA COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT

SPECIAL MEETING  
April 3, 2024

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

Directors Absent: Angela Ramirez Holmes

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

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Item 1 – Call Meeting to Order

President Figuers called the Special Meeting of the Board of Directors to order at 6:04 pm.

Item 2 – Pledge of Allegiance

President Figuers led the Pledge of Allegiance.

Item 3 – Roll Call of Directors

Director Ramirez Holmes was absent.

Item 4 – Public Comment

No public comments were received.

## Item 5 – Energy Policy Development

Valerie Pryor, General Manager, informed the Board that today's workshop marks the initial phase of creating an Energy Policy, as outlined in the Strategic Plan. The goal is to develop both an Energy Policy and an Energy Master Plan. This evening's discussion focuses on establishing a framework for the Energy Policy. Ms. Pryor mentioned that staff will present a proposed policy at a future Board meeting. She then introduced Ricky Gutierrez from Carollo Engineers.

Mr. Gutierrez thanked the Board for the opportunity to be there to discuss the important topic and gather input on an Energy Policy. Mr. Gutierrez stated that he will first discuss the structure and objective of the workshop, and then he will go through the Energy Policy framework topics. There are three modules to discuss; 1) Policy Research and Scope, 2) Policy Interviews and Policy Statement Focus Areas, and 3) Summary of Recommended Framework for the Energy Policy.

Mr. Gutierrez stated that as a first step in policy development, Carollo Engineers conducted research to better understand Zone 7's current policies, including its structure and framework, and to make sure that this policy is in alignment with Zone 7's existing policies, missions, and goals. They then researched energy policies from several other agencies, similar in size and type, and in this region.

Mr. Gutierrez stated that they realized through this process that there was quite a bit of variety in these policies. They looked at Sonoma County Water Agency's Energy Policy, East Bay Municipal Utilities District's (EBMUD) Energy Policy, as well as their sustainability and resilience plan. And also Dublin San Ramon Services District's (DSRSD) Energy Policy that was recently adopted, as well as several others, noting there was a broad range of policy language and how they were written.

Carollo Engineers recommends that Zone 7's Energy Policy scope must be aligned with the Agency's mission, it needs to be aligned with the strategic plan, specifically initiative 16 for development and implementation of an energy strategy, and it should focus on opportunities associated with Zone 7's operations. The scope will not cover indirect operations such as vendors or the State Water Project.

Director Green inquired about the process for identifying and selecting energy opportunities, questioning whether it is a structured approach or more ad hoc. Mr. Gutierrez explained that the development of an Energy Policy would guide the creation of a screening framework to evaluate potential energy projects, including those focused on efficiency and renewable generation. This framework will help determine factors such as desired return on investment (ROI) for each project. Ms. Pryor added that the Energy Policy would lead to an Energy Master Plan, which would be regularly reviewed and aligned with the Board's budget cycle.

Director Gambs discussed the variability in policies between different water agencies, referencing Sonoma Water and EBMUD, noting that Sonoma's board composition might explain its ambitious policy approach, while EBMUD's highly qualified staff might enable more

detailed project involvement. He suggested that Zone 7 would fit somewhere in the middle in terms of policy approach. Director Gambs expressed confusion about the inclusion of flood control in the policy, noting it seemed out of place since it is not a primary focus. Mr. Gutierrez concurred, indicating that flood control was mentioned because it's part of the mission statement but not a main area of energy focus.

Next Mr. Gutierrez discussed the interviews they had with staff as well as with retailers. They had two workshops with Zone 7 staff and held interviews with several different sections of the Agency including engineering, maintenance, operations, fleet management, and then Zone 7 management. They then went back and had another workshop where they presented the findings of those interviews to staff. Lastly, they interviewed Zone 7's four retailers, the cities of Livermore and Pleasanton, California Water Service, and DSRSD.

Director Palmer emphasized the need for caution in policy development to avoid good intentions leading to unintended consequences. She expressed concerns about blindly adopting trends such as fleet electrification, especially considering scenarios like extended emergency operations during fires where electric vehicles may not be suitable. She highlighted the importance of balancing compliance with regulations and political pressures against practical long-term considerations. She advocated for resilience against grid failures and urged utilizing existing infrastructure to enhance efficiency without the costly need for complete overhauls.

Director Green expressed strong agreement with the advocacy aspects discussed, emphasizing the importance of engagement with upcoming state policies to ensure they are beneficial for both the Agency and others. She praised the alignment and reliability highlighted in the Zone 7 interviews but voiced concerns about potential impacts on labor resources, particularly whether additional training might be necessary due to new energy management tools. Mr. Gutierrez responded by noting that while such tools can optimize energy usage, they also require proper staff training and could place additional demands on employees already responsible for water supply tasks.

Director Green also inquired about how general retailer priorities, like cost stability, are being addressed. Mr. Gutierrez explained that with rising PG&E rates, implementing on-site renewable energy sources could offer long-term cost stability, especially under conditions such as those set by NEM 3.0, which affect returns from selling energy back to the grid. Lastly, Director Green sought clarity on the concept of ROI, particularly in terms of infrastructure projects like solar. Mr. Gutierrez clarified that the Agency evaluates the life cycle and payback period of projects, aiming for investments that make financial sense, such as those with a payback period of 15 years or less.

Director Gambs highlighted that a recurring theme among the feedback from retailers focused on cost savings, which appears to be a key concern. He noted that while DSRSD presented a more detailed perspective, it was particularly interesting that they supported reducing greenhouse gases provided the costs were reasonable.

Director Narum raised concerns about the broadness of the compliance and governance section with regard to the California Public Utilities Commission (CPUC) and its impact on electricity rates, particularly in the context of NEM 3.0. Mr. Gutierrez attempted to address this by suggesting that the section is indeed intended to be broad, covering various regulatory requirements that could affect the Agency, including energy usage and fleet management. He acknowledged that the specific impacts of NEM 3.0 on the viability of solar projects and their ROIs are significant, but the financials could be reevaluated if regulations change.

Ms. Pryor added that the compliance and governance should be seen from a policy perspective, suggesting that policy statements could aim to meet or exceed compliance targets well ahead of time, which would have substantial impacts on policy specifics. Director Narum; however, felt that the influence of the CPUC on electricity was not clearly covered under compliance or governance.

Further discussion included the Agency's current resilience to power outages, with Mr. Gutierrez noting that while treatment plants have backup power, some parts of the system do not. This led to a consideration of including more resilient power solutions in the project list, which Ms. Pryor supported by recalling the rental of emergency generators during the last drought. She suggested that the Energy Master Plan might lead to recommendations for additional backup power facilities to enhance system resilience.

Director Benson emphasized the importance of maintaining fiscal responsibility while also pursuing innovation, particularly in light of developments like NEM 3.0. She highlighted the need for flexibility to incorporate innovative opportunities, such as grants, that align with environmental and fiscal responsibilities. She questioned the rationale behind a 15-year payback criterion for projects, prompting a response from Mr. Gutierrez, who explained that this benchmark is based on discussions with staff and is not rigid. He clarified that while a 15-year payback serves as a preliminary filter for evaluating the viability of projects, each project requires a case-by-case assessment. Ms. Pryor added that the 15-year figure was used as an example in discussions to provide a basis for Board consideration and is not a firm recommendation. Director Benson also raised concerns about the potential burden on staff from new projects and procedures, stressing the need for balancing innovation with the workload and exploring ways to streamline processes to ease the implementation burden. Mr. Gutierrez concurred, noting the importance of considering the impact on staff resources when planning and implementing projects.

Director Figuers emphasized the importance of being cautious with the statistical nature of lifespan estimates and their impact on ROI calculations, highlighting the challenge of setting appropriate lifespan assumptions and the potential consequences of setting them too long or too short. Director Palmer underscored the importance of aligning energy policies with the Agency's primary mission of water and flood management, stressing that any energy initiatives should not detract from these core responsibilities. Mr. Gutierrez affirmed that staff feedback also supported the need for energy policies to be complementary to the Agency's mission, without contradicting its goals. Director Green suggested that instead of specifying a fixed number of years for project paybacks, it might be more flexible to consider a percentage of

the expected lifespan, which could provide a more adaptable framework for evaluating different types of projects.

Director Gambs discussed the implementation of the policy, emphasizing the need for it to align comfortably with the Capital Improvement Plan (CIP) and integrate various factors relevant to the Agency's core focus on water and flood management. He highlighted the importance of considering these elements when implementing projects to ensure they support the Agency's primary business activities effectively.

Director Narum expressed concerns about the clarity of the ROI statement, suggesting an amendment to specify a payback period of "15 years or less" to enhance understanding. She emphasized the importance of ensuring that projects contribute to providing clean, safe, and affordable potable drinking water, aligning with the organization's core values.

Mr. Gutierrez turned the discussion over to the recommended policy framework, emphasizing alignment with Zone 7's mission and strategic plan. He detailed the focus areas for the Board's consideration, starting with fiscal responsibility. He presented three key statements for fiscal responsibility, highlighting the contentious point about striving for a payback period of 15 years or less for energy projects. There was a discussion on whether to modify or eliminate this target, with some members suggesting that the guideline might be covered by a broader commitment to fiscal responsibility.

The conversation then shifted to reliability and resilience. Mr. Gutierrez outlined the goal to enhance energy reliability and resilience through diverse energy sources and preparedness for energy disruptions. Director Green raised concerns about emissions from generators used during emergencies, prompting a discussion on alternative, cleaner energy options like clean diesel and battery systems.

The focus area of resource optimization was introduced next, discussing efficiency goals and the incorporation of energy-efficient practices in facility design. Mr. Gutierrez clarified that this area would also address the efficient use of staff and energy resources.

Lastly, the Board discussed environmental responsibility, particularly the procurement of renewable energy and the reduction of greenhouse gas emissions. A debate ensued over whether to specify greenhouse gas reduction targets or keep the goals broad and flexible. Director Gambs suggested specifying that actions be taken "to the extent reasonable" rather than "as feasible." Director Narum called for clarity on whether procuring renewable energy and reducing emissions should be considered as one or separate objectives, highlighting the need for precise language in the policy.

Mr. Gutierrez provided a comprehensive overview of the baseline energy assessment, focusing on the categorization of emissions into scope one, two, and three. He explained that scope one emissions encompass direct emissions from chemical usage, heating, and equipment such as forklifts and diesel generators. Scope two emissions relate to indirect emissions from purchased electricity, which are currently zero due to the procurement of green energy. He



noted that the assessment did not cover scope three emissions, which would include emissions from external sources like the State Water Project and other contractors.

Director Figuers highlighted ongoing efforts in water treatment advancements, particularly the potential reduction of RO filter pressures, which could significantly decrease energy consumption. He suggested that future technological improvements could be pivotal for energy savings.

Chris Hentz, Assistant General Manager – Engineering, added to the discussion by noting that most contractors are required to comply with stringent energy efficiency standards similar to those adhered to by the Board. He emphasized that the Board's broad policy directives generally extend to contractors, ensuring a consistent approach to energy efficiency across operations.

Director Gambs raised a point about the terminology used in discussing the cost-effectiveness of renewable energy projects. He differentiated between "feasible," which simply means something can be done, and "reasonable," which implies a more deliberate consideration of cost-effectiveness and practicality. He suggested that discussions about the reasonableness of projects would be more appropriate for Board deliberations. Mr. Gutierrez concurred, acknowledging that the current wording might be inadequate and could benefit from refinement to better reflect the Board's decision-making criteria.

Mr. Gutierrez introduced the topic of compliance and governance, discussing the Agency's commitment to meet or exceed federal, state, and local energy and greenhouse gas emission regulatory targets while ensuring service quality and alignment with other Zone 7 policies. He mentioned that these efforts also aimed to achieve regulatory compliance for the Zone 7 fleet.

Director Palmer suggested that advocacy should be incorporated into the policy to enhance its effectiveness. In response to the phrase "meet or exceed," Director Gambs raised a concern about the cost-effectiveness of exceeding regulatory targets, questioning if excessive compliance was a worthwhile investment. Mr. Gutierrez suggested amending the statement to incorporate "where reasonable," thereby softening the expectation. However, Director Palmer recommended simplifying it to just "meet." This change was acknowledged by Mr. Gutierrez, who agreed to the adjustment. Director Narum then requested the addition of a bullet point for advocacy, which Mr. Gutierrez confirmed would be included.

Mr. Gutierrez continued the presentation with a slide that illustrated how potential projects could align with the Board's focus areas. He described various projects such as fleet electrification, on-site solar, electrical system improvements, pump optimization, and battery energy storage systems. He highlighted how these projects could support multiple focus areas like environmental responsibility, fiscal responsibility, resilience, resource optimization, and compliance and governance.

Director Benson inquired specifically about fleet electrification, noting it could also be tied to fiscal responsibility, particularly if vehicle replacements were timed with the end of life of

current vehicles. Ms. Pryor mentioned that fleet electrification might lead to increased costs for Zone 7.

Mr. Gutierrez explained that the purpose of the slide was to demonstrate the use of focus areas as a framework for screening projects to ensure they align with the Board's policy objectives.

As the discussion concluded, Mr. Gutierrez solicited further input on the focus areas to confirm they comprehensively covered the policy needs. He stated that staff would take the Board's feedback and prepare a draft Energy Policy for review at a future Board meeting. Additionally, staff will follow up with directions and input received from this meeting.

#### Item 6 – Adjournment

President Figuers adjourned the meeting at 7:29 pm.

MINUTES OF THE BOARD OF DIRECTORS  
ZONE 7

ALAMEDA COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT

REGULAR MEETING  
April 17, 2024

Directors Present: Dawn Benson  
Sandy Figuers  
Dennis Gambs  
Laurene Green  
Kathy Narum  
Sarah Palmer  
Angela Ramirez Holmes

Staff Present: Valerie Pryor, General Manager  
Chris Hentz, Assistant General Manager – Engineering  
Osborn Solitej, Treasurer/Assistant General Manager – Finance  
Mona Olmsted, Acting Engineering Manager  
Sal Segura, Associate Engineer  
Donna Fabian, Executive Assistant

General Counsel: Rebecca Smith, Downey Brand

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Item 1 – Call Zone 7 Water Agency Meeting to Order

President Figuers called the Regular Meeting of the Board of Directors to order at 7:02 p.m.

Item 2 – Closed Session

The Board entered Closed Session at 6:00 p.m. and concluded it at 6:46 p.m. Director Benson was not present.

Item 3 – Open Session and Report Out of Closed Session

President Figuers stated that the Board met in Closed Session, discussed the General Manager's compensation, and the Board will report back during the discussion items.

#### Item 4 – Pledge of Allegiance

President Figuers led the Pledge of Allegiance.

#### Item 5 – Roll Call of Directors

All Directors were present.

#### Item 6 – Public Comment

Alan Burnham, a resident of Livermore, provided public comment.

#### Item 7 – Minutes

Director Palmer made a motion to approve the regular Board meeting minutes of March 20, 2024, and Director Narum seconded the motion. The minutes were approved by a voice vote of 6-0 with Director Ramirez Holmes abstaining.

#### Item 8 – Consent Calendar

Director Narum motioned to approve Items 8a and 8b, with Director Benson seconding the motion. The items on the Consent Calendar were then unanimously approved by a roll call vote of 7-0.

#### Item 9 – Commendation for Retired Engineering Manager Jarnail Chahal

Director Palmer read the Commendation that was prepared for Jarnail Chahal. She emphasized Jarnail's continued involvement in crucial projects up until his retirement, highlighting his generosity and significance to the team. Despite acknowledging the solemnity of the moment, Palmer expressed the collective sentiment of missing Jarnail dearly, both personally and professionally.

Director Gambs echoed Director Palmer's sentiments, recalling Jarnail's professionalism and pivotal role in various projects over the years.

While acknowledging the loss of a significant repository of institutional knowledge, Director Green praised Jarnail's guidance and support, particularly during the onboarding process and her technical inquiries.

President Figuers reminisced about Jarnail's quiet yet impactful presence, describing him as a steady and consummate professional whose absence would be keenly felt.

Director Ramirez Holmes underscored Jarnail's extensive tenure and indispensable role in addressing key issues like PFAS, emphasizing his transition to a more public-facing role in later years.

Director Narum, although having limited interaction with Jarnail, acknowledged his valuable contributions to raising awareness about PFAS and stressed the importance of retaining his institutional knowledge for future decision-making.

Director Benson, while having a shorter tenure alongside Jarnail, lauded his behind-the-scenes contributions and instrumental role in advancing significant projects, emphasizing the wealth of knowledge he leaves behind.

Collectively, the Directors extended their heartfelt wishes for Jarnail's well-deserved retirement, expressing hope for future opportunities to benefit from his expertise and experience.

Linda Kelly, a resident of Pleasanton, fondly recalled her interactions with Jarnail, noting his pleasant demeanor, warm smile, and willingness to assist her despite her occasional complaints as a member of the public. She praised his gentlemanly conduct and eagerness to provide information or redirect her inquiries appropriately. Ms. Kelly expressed her regret at no longer encountering Jarnail during her visits to the offices and extended heartfelt wishes for a fulfilling retirement, urging him to savor every moment.

Director Palmer made a motion to approve the Commendation and Director Green seconded it. The motion was approved by a unanimous vote of 7-0.

#### Item 10 – Award a Contract for MGDGP and Mocho Wellfield PFAS Compliance Conceptual Design

Mona Olmsted, Acting Engineering Manager, delivered a presentation on the award of a consultant contract regarding the PFAS Compliance Conceptual Design for the Mocho Groundwater De-mineralization Plant (MGDP) and Mocho Wellfield.

Ms. Olmsted provided updates on recent PFAS regulations, highlighting the establishment of national standards by the US Environmental Protection Agency on April 10, 2024. She outlined the requirements for public water systems to monitor PFAS levels and comply with new maximum contaminant levels (MCLs) within five years. Zone 7 has been actively monitoring PFAS since late 2018 and reporting results annually, while also proactively planning, designing, and constructing new treatment facilities to ensure compliance.

Ms. Olmsted delved into PFAS levels for the Mocho Well water since sampling began in late 2018, specifically focusing on PFOA, PFOS, and PFHxS. Graphical representations illustrated the levels relative to new federal limits and existing state limits, with projections indicating the need for additional treatment facilities to meet MCLs.

Based on monitoring data and estimates, Ms. Olmsted proposed beginning with a conceptual design for the Mocho Wellfield PFAS Treatment Facility to determine the most effective treatment option and siting requirements. She highlighted the need for interim modifications to mitigate reduced production capacity during the design and construction phases. The

conceptual design is anticipated to be completed by the end of the calendar year, with subsequent design and construction phases expected to follow.

Ms. Olmsted concluded with a recommendation for the Board to authorize the General Manager to negotiate, execute, and amend a professional services agreement with Carollo Engineers, Inc. for engineering services for the MGDP and Mocho Wellfield PFAS Compliance Conceptual Design, with a budget not to exceed \$320,000, including a 10% contingency.

Director Green raised questions regarding the focus on specific PFAS compounds, specifically mentioning PFOA, PFOS, and PFHxS, and inquiring about potential plans to address other regulated PFAS compounds. She mentioned rumors about PFHxA potentially being the next compound the state may provide guidance on and sought clarification on how staff intends to handle emerging compounds.

Ms. Olmsted explained that the focus on the aforementioned PFAS compounds is due to their levels being higher than regulatory limits in the Mocho well field water. She highlighted that the limits for other PFAS compounds are generally much higher than the levels found in their water, hence the concentration on the three compounds mentioned.

Director Green further inquired about Mocho Well 4, noting its levels dropping below the MCL for PFOS and PFHxS. She sought clarification on potential factors influencing this decline, such as natural fluctuations or operational changes within the well field.

Ms. Olmsted explained that the fluctuations in the blended water levels, represented by the dark green line on the chart, were largely influenced by the levels in Mocho well 4 and the offline status of Mocho well 3 during specific periods. She noted that while there appeared to be a reduction in levels for Mocho well 4, it was uncertain whether this trend would persist. Ms. Olmsted also mentioned that Mocho well 4 draws from a lower aquifer compared to other wells and has been relied upon for blending with other treated wells from the MGDP.

Director Ramirez Holmes directed attention to a specific section of the staff report regarding the decision to expedite the conceptual design for the PFAS Compliance Treatment Facility, seeking clarification on the rationale behind this decision. She also noted the inclusion of a no-bid contract for the conceptual design and inquired about plans for the full design.

Valerie Pryor, General Manager, explained that the decision to expedite the conceptual design stemmed from the community's desire to eliminate PFAS from their water, leading to voluntary compliance despite the five-year regulatory timeline. She highlighted the loss of production capacity in the Mocho well field due to voluntary compliance and the need for expedited action to ensure sufficient groundwater resources during potential dry years. Ms. Olmsted further elaborated on the sole-source contract recommendation for Carollo Engineers, Inc., emphasizing their expertise in the MGDP and Mocho wells, which would facilitate a quicker start to the conceptual design phase.

Director Ramirez Holmes sought confirmation on plans to bid for the full design, to which Ms. Olmsted affirmed, detailing the intention to prepare a Request for Proposals (RFP) at the

conclusion of the conceptual design period to minimize time loss. Discussion ensued regarding the expanded scope of the project, with Director Ramirez Holmes expressing concerns about the additional budget allocation exceeding the initial budgetary estimate. Ms. Olmsted clarified that the expanded scope necessitated the increased budget, citing the need for testing various media and exploring interim modifications to mitigate production capacity reductions.

Concerns were raised regarding the lack of data from Zone 7's own PFAS treatment plants, with Director Ramirez Holmes questioning the need for new media testing. Ms. Olmsted explained that testing would involve Mocho well water to inform the design phase effectively. Mr. Pryor highlighted the project's complexity, particularly its integration with the MGD and the unique aspects of the bypass facility, underscoring the importance of incorporating lessons learned from other treatment plants.

Chris Hentz, Assistant General Manager – Engineering, further clarified on the complexities of designing the treatment facility, emphasizing site-specific considerations and the need for tailored solutions. Director Ramirez Holmes inquired about the estimated cost of the treatment plant, to which Ms. Olmsted provided a ballpark figure of \$35 million for design, construction, and potential land acquisition, as outlined in the Capital Improvement Plan (CIP).

Director Palmer sought clarification on the functionality of the bypass valve within the treatment process, likening it to blending water from different wells. Ms. Olmsted confirmed this analogy, emphasizing that the bypassed water does not undergo membrane filtration in the MGD.

Mr. Hentz elaborated on the necessity of bypassing a certain amount of water to blend it with treated water, ensuring that the membrane product water, being exceptionally pure, attains suitable quality levels. He highlighted potential interim modifications to improve control over bypassed water and reduce blended PFAS levels, thereby enhancing overall well production and treatment facility efficiency.

Director Narum commended the proactive approach taken to expedite the project, referencing past successes in securing grants due to the agency's forward-thinking initiatives.

Director Gambs raised queries regarding the treatment process, particularly regarding potential scenarios for treating each well and the flexibility to adjust treatment methods based on evolving needs. Ms. Olmsted affirmed that the consultant would develop alternatives, including cost estimates and life cycle assessments, to inform decision-making.

Director Gambs also inquired about the incorporation of Mocho Well 1 into the project scope, prompting Ms. Olmsted to suggest including its capacity in the conceptual design phase for future consideration.

Director Green expressed skepticism regarding potential changes in vessel sizes based on current PFAS concentrations, suggesting that alterations in material replacement frequency might occur instead. Mr. Hentz responded by outlining the scope of the upcoming study,

emphasizing the goal of optimizing the system to restore well production while meeting regulatory requirements with minimal investment.

Director Ramirez Holmes raised concerns regarding the parcel for the proposed treatment facility, specifically questioning the availability of space and potential impacts on neighboring residents. Ms. Olmsted assured that the parcel's suitability would be thoroughly examined during the conceptual design phase, including considerations for feasibility and resident impact assessment. Director Ramirez Holmes stressed the importance of proactive outreach and resident engagement to address concerns about the facility's visibility and proximity to residential areas.

Director Ramirez Holmes further voiced concerns about the budgetary implications of expediting the project, highlighting uncertainties regarding its impact on the fiscal year budget, other priorities, and water rates. She emphasized the need for comprehensive consideration of all variables during decision-making processes, expressing apprehension about making isolated decisions without accounting for broader implications. While acknowledging the importance of water quality, Director Ramirez Holmes underscored the necessity of balanced decision-making to address varying priorities effectively.

Director Palmer emphasized the importance of expediting the project to avoid potential supply chain issues and ensure timely acquisition of necessary equipment. She highlighted the benefits of proactive planning, citing past successes in securing equipment ahead of regulatory deadlines. Director Palmer underscored the urgency of addressing the PFAS issue, anticipating stringent regulations and heightened public scrutiny.

Director Narum echoed Director Palmer's sentiments, acknowledging Director Ramirez Holmes' concerns while emphasizing the necessity of prioritizing water quality improvement efforts. She expressed confidence in the project's importance and urged for proactive action to mitigate potential delays. Director Narum emphasized the challenges associated with land acquisition and the need to expedite the project to avoid further delays.

The discussion shifted to potential treatment methods, with Ms. Olmsted confirming that the conceptual testing would primarily focus on ion exchange based on previous data collected from other sites. She explained that granulated activated carbon (GAC) was considered less effective and more costly for removing the specific PFAS compounds present in the well water.

Director Palmer moved to approve the Resolution with Director Narum seconding the motion. The Resolution was approved unanimously by a roll call vote of 7-0.

#### Item 11 – Declaration of May as Water Awareness Month

Ms. Pryor highlighted the significance of May as Water Awareness Month in California, noting the statewide efforts by water agencies to conduct public outreach and education events aimed at heightening public awareness about water supply, conservation, and water use efficiency. She emphasized the importance of recognizing Water Awareness Month locally, traditionally done through Board Resolution support and various community activities. These



efforts aim to underscore the vital role of water in the community and the ongoing importance of conservation, even in non-drought years.

Ms. Pryor informed the Board about the partnership with the Save Our Water Program, a collaboration with ACWA and the Department of Water Resources, as well as ongoing engagement with retailers to amplify outreach efforts. A key activity planned for Water Awareness Month at Zone 7 includes hosting public tours of the Patterson Pass Water Treatment Plant on Saturday, May 18<sup>th</sup>. Efforts to publicize these tours were initiated in hopes of encouraging community participation.

Additionally, Ms. Pryor mentioned that the Dublin San Ramon Services District is also conducting tours of their wastewater treatment plant, with reciprocal support between the two entities. Moreover, efforts to revive the Natives Garden tour were discussed, with in-person Garden Tours scheduled for May 4<sup>th</sup> and May 5<sup>th</sup>. Ms. Pryor concluded by recommending the adoption of the Resolution by the Board, affirming their commitment to Water Awareness Month.

Director Palmer moved to approve the Resolution with Director Ramirez Holmes seconding the motion. The Resolution was approved unanimously by a voice vote of 7-0.

#### Item 12 – 2024 Annual Sustainability Report

Sal Segura, Associate Engineer, presented the 2024 Annual Water Sustainability Report, highlighting its significance as part of the Agency's reliability policy aimed at ensuring a reliable water supply and infrastructure. Mr. Segura outlined key points, including local rainfall being slightly above normal following a wet year in 2023, Zone 7's expected State Water Project allocation and local water supply, plans to recharge the main basin and consider surplus water storage options. Regarding statewide conditions, Mr. Segura noted average hydrologic conditions on April 1st with historical snow water conditions also at 110% of average. He emphasized the importance of North Sierra's contribution to the valley's water supply and discussed trends in precipitation, referencing previous years' extremes.

Ms. Segura provided insights into Livermore's precipitation levels and highlighted the role of water storage during drought periods, showcasing trends in groundwater and end-of-year storage balances. The presentation detailed Zone 7's water supply portfolio for 2024, projecting a split between incoming supplies and storage to meet demand. Looking ahead to 2025, Mr. Segura anticipated a reduced supply but assured that Zone 7 remained solvent. The presentation concluded with a discussion on matching supply and demand over the next five years, highlighting the Agency's ability to meet projected demands and potential strategies to mitigate storage decline through water purchases and transfers, with a commitment to monitor conditions for future planning.

#### Item 13 – General Manager's Compensation

Director Ramirez Holmes addressed the need for the Board to consider the General Manager's compensation following her evaluation from the previous month. Director Ramirez Holmes

proposed a 6% increase, effective from the current pay period starting on April 14, 2024. President Figuers seconded the motion, which was unanimously approved by a roll call vote of 7-0.

#### Item 14 – Committees

There were no comments on the Committee notes.

#### Item 15 – Reports – Directors

Director Ramirez Holmes formally announced her decision to resign from her position on the Board, indicating that she would submit her resignation in May. Reflecting on her tenure, she underscored the significance of her role as one of the few women to have served on the Board and celebrated the progress made in increasing female representation, recognizing the impact of this transformation for her personally.

Expressing pride in the achievements accomplished during her time on the Board, Director Ramirez Holmes highlighted the establishment of the Legislative Committee, enhancements in financial transparency, and the successful implementation of the Pension Trust Fund.

President Figuers conveyed gratitude for Director Ramirez Holmes' dedicated service and lauded her exceptional problem-solving skills and logical approach to addressing challenges. While acknowledging occasional differences of opinion, President Figuers commended Director Ramirez Holmes for her valuable contributions and steadfast commitment to the Board's mission.

Director Palmer echoed President Figuers' sentiments, emphasizing Director Ramirez Holmes' valuable insights and logical reasoning, which enriched Board deliberations and decision-making processes. Director Palmer expressed appreciation for Director Ramirez Holmes' contributions and lamented the void her departure would create on the Board.

Director Benson reflected on Director Ramirez Holmes' early days on the Board, highlighting her collaborative spirit and commitment to fostering goodwill among agencies in the Tri-Valley. Director Benson commended Director Ramirez Holmes for her leadership, critical thinking skills, and dedication to advancing the Agency's mission. She expressed gratitude for Director Ramirez Holmes' mentorship and acknowledged her profound impact on the organization's culture and values.

Director Benson then proceeded to report her attendance at the Alameda County CSDA meeting, participation in the Delta Conveyance Project tour, attendance at Water 101 presented by the Water Education Foundation, and participation in ACWA's Legislative Symposium.

Director Gambs also reported attending the ACCSDA meeting, participating in the Delta Conveyance Project tour, and attending ACWA's Legislative Symposium.

Director Ramirez Holmes added her attendance at the groundbreaking ceremony of the Iron Horse Park in Dublin.

Director Palmer submitted a written report and additionally mentioned her attendance at an ACWA Board Meeting, Water 101 session, and a hearing on Chromium 6. She highlighted an upcoming tour scheduled for September 13<sup>th</sup> by ACWA Region 5.

Director Green reported attending a Water Quality Committee meeting through ACWA.

Director Narum suggested that staff include AB 2619 on the list of bills being tracked. Director Ramirez Holmes instructed Carol Mahoney, Government Relations manager, to assess its relevance to Zone 7 and, if applicable, to bring it to the attention of the Legislative Committee.

#### Item 16 – Items for Future Agenda – Directors

Director Ramirez Holmes proposed a future agenda item to address the travel reimbursement policy for Directors, seeking to streamline and improve the process. Director Palmer echoed this sentiment, emphasizing the Directors' desire for options and guidelines to facilitate the adoption of a policy that enhances efficiency and transparency.

#### Item 17 – Staff Reports

Ms. Pryor provided insights from her report, addressing Director Gambs' inquiry regarding State Water Project allocations. She elaborated on the significant impact of February's cross-Delta exports, which faced severe restrictions due to fisheries regulations aimed at protecting the threatened California Central Valley steelhead under the Federal Endangered Species Act. These regulations, alongside permit conditions, led to a notable reduction in exports. While the specific permit restriction extended until the end of March, further limitations could arise later in the spring. Ms. Pryor highlighted the evolution in allocation methods over the past decades and emphasized the Department of Water Resources' (DWR) efforts in monitoring exports. Notably, DWR estimated that the Delta Conveyance Project (DCP), if operational by April 9<sup>th</sup>, could have captured over 900,000 acre-feet of water, facilitating movement across the Delta into San Luis Reservoir.

Additionally, Ms. Pryor spotlighted a study conducted by Lawrence Livermore National Lab on Zone 7's groundwater recharge tracking in urban areas using an isotope study. Despite being the lab's initiative, funded by a federal grant, Zone 7 collaborated on the project. Ms. Pryor noted the recognition given to Zone 7 in the study report, highlighted by the inclusion of the agency's logo. She also acknowledged the invaluable contributions of staff members Jacob Danielson, Ken Minn, and Mike Garguilo to the collaboration.

#### Item 18 – Adjournment

President Figuers adjourned the meeting at 9:27 p.m.



**ORIGINATING SECTION:** Water Supply Engineering

**CONTACT:** Athena Watson/Mona Olmsted

**AGENDA DATE:** May 15, 2024

**SUBJECT:** Award Contracts for On-Call Water Supply Systems Engineering Support Services

**SUMMARY:**

- To support Zone 7 Water Agency's (Zone 7) mission to deliver a safe and reliable supply of high-quality water for the Tri-Valley, Zone 7 implements improvements, modifications, and renewal/replacement projects under the Capital Improvement Program (CIP). These projects are in support of Strategic Plan Initiative 3 – Continue to effectively implement infrastructure projects in the Water System CIP.
- Zone 7 has an ongoing need for water supply systems engineering support services during design and construction for existing Zone 7 facilities and capital improvement projects. Zone 7's current contracts with Water Works Engineers, LLC, (Water Works) and Stantec Consulting Services (Stantec) for these services expire on June 30, 2024.
- In accordance with Zone 7's Purchasing Policy, a competitive procurement process was completed. A Request for Qualifications (RFQ) was issued on January 19, 2024, for Engineering and Other Professional Services. 17 statements of qualifications (SOQs) were received in the water supply systems engineering support services category. The selection committee evaluated SOQ's based upon capabilities requested and criteria outlined in the RFQ and determined that Water Works and Stantec were the best qualified firms to provide the requested services.
- The previous support services expenditures during the current contract term, which began in July 2023, are anticipated to be approximately \$70,000 to \$85,000 for each contract. The proposed contract amounts are higher to account for inflation and the anticipated need for these services is greater given the number and type of planned projects. Having two firms to provide these services will allow staff to schedule work in the most efficient manner in consideration of consultant strengths and availability.
- Staff recommends two contracts for these services, and that the Board authorize the General Manager to negotiate, execute, and amend as needed a contract with the following:
  - 1) Water Works Engineers, LLC, or another qualified firm should negotiations with Water Works Engineers, LLC, fail, for a not-to-exceed amount of \$450,000 (\$150,000 annually) for the three-year period of Fiscal Years (FYs) 2024-25 to 2026-27, with the option to amend the contract, based on satisfactory performance, for

up to two additional one-year terms (FYs 2027-28 to 2028-29) for a total five-year not-to-exceed contract amount of \$750,000.

- 2) Stantec Consulting Services, or another qualified firm should negotiations with Stantec Consulting Services, fail, for a not-to-exceed amount of \$450,000 (\$150,000 annually) for the three-year period of Fiscal Years (FYs) 2024-25 to 2026-27, with the option to amend the contract, based on satisfactory performance, for up to two additional one-year terms (FYs 2027-28 to 2028-29) for a total five-year not-to-exceed contract amount of \$750,000.

**FUNDING:**

Funding is included in the Proposed Two-Year Budget for FYs 2024-25 and 2025-26, and will be included in subsequent fiscal year budget requests for the following funds based on the scope of services needed: Fund 100 – Water Enterprise Operations, Fund 120 – Water Enterprise Renewal & Replacement/System-Wide Improvements, and Fund 130 – Water Enterprise Expansion.

**RECOMMENDED ACTION:**

Adopt the attached Resolutions.

**ATTACHMENT:**

Resolutions

ZONE 7  
ALAMEDA COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT

BOARD OF DIRECTORS

RESOLUTION NO.

INTRODUCED BY  
SECONDED BY

**Award a Contract to Water Works for On-Call Water Supply Systems Engineering Support Services**

WHEREAS, to support Zone 7's mission to deliver a safe and reliable supply of high-quality water for the Tri-Valley, Zone 7 implements improvements, modifications, and renewal/replacement projects under the Capital Improvement Program; and

WHEREAS, these projects are in support of Strategic Plan Initiative 3 – Continue to effectively implement infrastructure projects in the Water System Capital Improvement Program; and

WHEREAS, Zone 7 requires water supply systems engineering support services for implementation of capital improvement projects and other related activities; and

WHEREAS, in accordance with Zone 7's Purchasing Policy, a competitive procurement process was completed to select a consulting firm to provide these services; and

WHEREAS, a Request for Qualifications was issued on January 19, 2024, and 17 proposals were received; and

WHEREAS, the selection committee evaluated the statements of qualifications based upon the capabilities requested and criteria outlined in the request for qualifications and determined that Water Works Engineers, LLC, was a best qualified firm to provide the requested services.

NOW, THEREFORE, BE IT RESOLVED, that the Board of Directors of Zone 7 of the Alameda County Flood Control and Water Conservation District does hereby authorize the General Manager to negotiate, execute, and amend as necessary a contract with Water Works Engineers, LLC, for on-call water supply systems engineering support services for a not-to-exceed amount of \$450,000 (\$150,000 annually) for the three-year period of Fiscal Years (FYs) 2024-25 to 2026-27; and

BE IT FURTHER RESOLVED, that the Board of Directors authorizes the General Manager to amend the contract for on-call water supply systems engineering support services, based on satisfactory performance, for up to two additional one-year terms (FYs 2027-28 to 2028-29), for a total five-year not-to-exceed contract amount of \$750,000 (\$150,000 annually); and

BE IT FURTHER RESOLVED, that the Board of Directors authorizes the General Manager to negotiate and execute agreement(s) with similarly qualified firms should the General Manager be unable to negotiate agreement(s) with the selected firm, or if, subsequent to implementing the agreement(s), the services are deemed not satisfactory by Zone 7.

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 May 15, 2024.

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

ZONE 7  
ALAMEDA COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT

BOARD OF DIRECTORS

RESOLUTION NO.

INTRODUCED BY  
SECONDED BY

**Award a Contract to Stantec for On-Call Water Supply Systems Engineering Support Services**

WHEREAS, to support Zone 7's mission to deliver a safe and reliable supply of high-quality water for the Tri-Valley, Zone 7 implements improvements, modifications, and renewal/replacement projects under the Capital Improvement Program; and

WHEREAS, these projects are in support of Strategic Plan Initiative 3 – Continue to effectively implement infrastructure projects in the Water System Capital Improvement Program; and

WHEREAS, Zone 7 requires water supply systems engineering support services for implementation of capital improvement projects and other related activities; and

WHEREAS, in accordance with Zone 7's Purchasing Policy, a competitive procurement process was completed to select a consulting firm to provide these services; and

WHEREAS, a Request for Qualifications was issued on January 19, 2024, and 17 proposals were received; and

WHEREAS, the selection committee evaluated the statements of qualifications based upon the capabilities requested and criteria outlined in the request for qualifications and determined that Stantec Consulting Services was a best qualified firm to provide the requested services.

NOW, THEREFORE, BE IT RESOLVED, that the Board of Directors of Zone 7 of the Alameda County Flood Control and Water Conservation District does hereby authorize the General Manager to negotiate, execute and amend as necessary a contract with Stantec Consulting Services Inc., for on-call water supply systems engineering support services for a not-to-exceed amount of \$450,000 (\$150,000 annually) for the three-year period of Fiscal Years (FYs) 2024-25 to 2026-27; and

BE IT FURTHER RESOLVED, that the Board of Directors authorizes the General Manager to amend the contract for on-call materials testing and support services based on satisfactory performance, for up to two additional one-year terms (FYs 2027-28 to 2028-29), for a total five-year not-to-exceed contract amount of \$750,000 (\$150,000 annually); and



BE IT FURTHER RESOLVED, that the Board of Directors authorizes the General Manager to negotiate and execute agreement(s) with similarly qualified firms should the General Manager be unable to negotiate agreement(s) with the selected firm, or if, subsequent to implementing the agreement(s), the services are deemed not satisfactory by Zone 7.

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 May 15, 2024.

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



**ORIGINATING SECTION:** Water Supply Engineering

**CONTACT:** Brandon Woods/Mona Olmsted

**AGENDA DATE:** May 15, 2024

**SUBJECT:** Award Contracts for On-Call Electrical Engineering Services

**SUMMARY:**

- To support Zone 7 Water Agency's (Zone 7) mission to deliver a safe and reliable supply of high-quality water for the Tri-Valley, Zone 7 implements improvements, modifications, and renewal/replacement projects under the Capital Improvement Program (CIP). These projects are in support of Strategic Plan Initiative 3 – Continue to effectively implement infrastructure projects in the Water System CIP.
- Zone 7 has an ongoing need for electrical design, investigation, and construction support services for existing Zone 7 facilities and capital improvement projects. Zone 7's current contracts with TJC and Associates, Inc., (TJC) and Beecher Engineering, Inc., (Beecher) for these services expire on June 30, 2024.
- In accordance with Zone 7's Purchasing Policy, a competitive procurement process was completed. A Request for Qualifications (RFQ) was issued on January 19, 2024, for Engineering and Other Professional Services. Nine statements of qualifications (SOQs) were received in the electrical engineering services category. The selection committee evaluated the SOQ's based upon the capabilities requested and criteria outlined in the RFQ and determined that Carollo Engineers, Inc., (Carollo) and Beecher Engineering, Inc., (Beecher) were the best qualified firms to provide the requested services.
- The previous support services expenditures have been approximately \$77,000 over the current contract term, which began in July 2020. The proposed contract amounts are higher to account for inflation and the anticipated need for these services is greater given the number and type of planned construction projects.
- Staff recommends two contracts for these services, and that that the Board authorize the General Manager to negotiate, execute, and amend as needed a contract with the following:
  - 1) Carollo Engineers, Inc., or another qualified firm should negotiations with Carollo Engineers, Inc., fail, for a not-to-exceed amount of \$150,000 (\$50,000 annually) for the three-year period of Fiscal Years (FYs) 2024-25 to 2026-27, with the option to amend the contract, based on satisfactory performance, for up to two additional one-year terms (FYs 2027-28 to 2028-29) for a total five-year not-to-exceed contract amount of \$250,000.

- 2) Beecher Engineering, Inc., or another qualified firm should negotiations with Beecher Engineering, Inc., fail, for a not-to-exceed amount of \$150,000 (\$50,000 annually) for the three-year period of Fiscal Years (FYs) 2024-25 to 2026-27, with the option to amend the contract, based on satisfactory performance, for up to two additional one-year terms (FYs 2027-28 to 2028-29) for a total five-year not-to-exceed contract amount of \$250,000.

**FUNDING:**

Funding is included in the Proposed Two-Year Budget for FYs 2024-25 and 2025-26, and will be included in subsequent fiscal year budget requests for the following funds based on the scope of services needed: Fund 100 – Water Enterprise Operations, Fund 120 – Water Enterprise Renewal & Replacement/System-Wide Improvements, and Fund 130 – Water Enterprise Expansion.

**RECOMMENDED ACTION:**

Adopt the attached Resolutions.

**ATTACHMENTS:**

Resolutions

ZONE 7  
ALAMEDA COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT

BOARD OF DIRECTORS

RESOLUTION NO.

INTRODUCED BY  
SECONDED BY

**Award a Contract to Carollo for On-Call Electrical Engineering Services**

WHEREAS, to support Zone 7's mission to deliver a safe and reliable supply of high-quality water for the Tri-Valley, Zone 7 implements improvements, modifications, and renewal/replacement projects under the Capital Improvement Program; and

WHEREAS, these projects are in support of Strategic Plan Initiative 3 – Continue to effectively implement infrastructure projects in the Water System Capital Improvement Program; and

WHEREAS, Zone 7 requires electrical engineering services for implementation of capital improvement projects and other related activities; and

WHEREAS, in accordance with Zone 7's Purchasing Policy, a competitive procurement process was completed to select a consulting firm to provide these services; and

WHEREAS, a Request for Qualifications was issued on January 19, 2024, and nine statements of qualifications were received; and

WHEREAS, the selection committee evaluated the statements of qualifications based upon the capabilities requested and criteria outlined in the request for qualifications and determined that Carollo Engineers, Inc., was a best qualified firm to provide the requested services.

NOW, THEREFORE, BE IT RESOLVED, that the Board of Directors of Zone 7 of the Alameda County Flood Control and Water Conservation District does hereby authorize the General Manager to negotiate, execute, and amend as necessary a contract with Carollo Engineers, Inc., for on-call electrical engineering services for a not-to-exceed amount of \$150,000 (\$50,000 annually) for the three-year period of Fiscal Years (FYs) 2024-25 to 2026-27; and

BE IT FURTHER RESOLVED, that the Board of Directors authorizes the General Manager to amend the contract for on-call electrical engineering services, based on satisfactory performance, for up to two additional one-year terms (FYs 2027-28 to 2028-29), for a total five-year not-to-exceed contract amount of \$250,000 (\$50,000 annually); and

BE IT FURTHER RESOLVED, that the Board of Directors authorizes the General Manager to negotiate and execute agreement(s) with similarly qualified firms should the General Manager be unable to negotiate agreement(s) with the selected firm, or if, subsequent to implementing the agreement(s), the services are deemed not satisfactory by Zone 7.

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 May 15, 2024.

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

ZONE 7  
ALAMEDA COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT

BOARD OF DIRECTORS

RESOLUTION NO.

INTRODUCED BY  
SECONDED BY

**Award a Contract to Beecher for On-Call Electrical Engineering Services**

WHEREAS, to support Zone 7's mission to deliver a safe and reliable supply of high-quality water for the Tri-Valley, Zone 7 implements improvements, modifications, and renewal/replacement projects under the Capital Improvement Program; and

WHEREAS, these projects are in support of Strategic Plan Initiative 3 – Continue to effectively implement infrastructure projects in the Water System Capital Improvement Program; and

WHEREAS, Zone 7 requires services related to on-call electrical engineering services for implementation of capital improvement projects and other related activities; and

WHEREAS, in accordance with Zone 7's Purchasing Policy, a competitive procurement process was completed to select a consulting firm to provide these services; and

WHEREAS, a Request for Qualifications was issued on January 19, 2024, and nine statements of qualifications were received; and

WHEREAS, the selection committee evaluated the statements of qualifications based upon the capabilities requested and criteria outlined in the request for qualifications and determined that Beecher Engineering, Inc., was a best qualified firm to provide the requested services.

NOW, THEREFORE, BE IT RESOLVED, that the Board of Directors of Zone 7 of the Alameda County Flood Control and Water Conservation District does hereby authorize the General Manager to negotiate, execute, and amend as necessary a contract with Beecher Engineering, Inc., for on-call electrical engineering services for a not-to-exceed amount of \$150,000 (\$50,000 annually) for the three-year period of Fiscal Years (FYs) 2024-25 to 2026-27; and

BE IT FURTHER RESOLVED, that the Board of Directors authorizes the General Manager to amend the contract for on-call electrical engineering services, based on satisfactory performance, for up to two additional one-year terms (FYs 2027-28 to 2028-29), for a total five-year not-to-exceed contract amount of \$250,000 (\$50,000 annually); and

BE IT FURTHER RESOLVED, that the Board of Directors authorizes the General Manager to negotiate and execute agreement(s) with similarly qualified firms should the General Manager be unable to negotiate agreement(s) with the selected firm, or if, subsequent to implementing the agreement(s), the services are deemed not satisfactory by Zone 7.

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 May 15, 2024.

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



**ORIGINATING SECTION:** Water Supply Engineering

**CONTACT:** Mariza Sibal/Mona Olmsted

**AGENDA DATE:** May 15, 2024

**SUBJECT:** Award a Contract for On-Call Materials Testing and Support Services

**SUMMARY:**

- To support Zone 7 Water Agency's (Zone 7) mission to deliver a safe and reliable supply of high-quality water for the Tri-Valley, Zone 7 implements improvements, modifications, and renewal/replacement projects under the Capital Improvement Program (CIP). These projects are in support of Strategic Plan Initiative 3 – Continue to effectively implement infrastructure projects in the Water System CIP.
- Zone 7 has an ongoing need for materials testing and construction inspection services for existing Zone 7 facilities and capital improvement projects. Zone 7's current contract with Geocon Consultants, Inc., (Geocon) for these services expires on June 30, 2024.
- In accordance with Zone 7's Purchasing Policy, a competitive procurement process was completed. A Request for Qualifications (RFQ) was issued on January 19, 2024, for Engineering and Other Professional Services. Three statements of qualifications (SOQs) were received in the materials testing and support services category. The selection committee evaluated the SOQ's based upon the capabilities requested and criteria outlined in the RFQ and determined that Geocon was the best qualified firm to provide the requested services.
- The previous support services expenditures have been approximately \$24,000 over the current contract term, which began in July 2020. The proposed contract amount is higher to account for inflation and the anticipated need for materials testing services is greater given the number and type of planned construction projects.
- Staff recommends that the Board authorize the General Manager to negotiate, execute, and amend, as needed, a contract with Geocon Consultants, Inc., or another qualified firm should negotiations with Geocon Consultants, Inc., fail, for on-call materials testing and support services for a not-to-exceed amount of \$120,000 (\$40,000 annually) for the three-year period of Fiscal Years (FYs) 2024-25 to 2026-27, with the option to amend the contract based, on satisfactory performance, for up to two additional one-year terms (FYs 2027-28 to 2028-29), for a total five-year not-to-exceed contract amount of \$200,000.



**FUNDING:**

Funding is included in the Proposed Two-Year Budget for FYs 2024-25 and 2025-26, and will be included in subsequent fiscal year budget requests for the following funds based on the scope of services needed: Fund 100 – Water Enterprise Operations, Fund 120 – Water Enterprise Renewal & Replacement/System-Wide Improvements, and Fund 130 – Water Enterprise Expansion.

**RECOMMENDED ACTION:**

Adopt the attached Resolution.

**ATTACHMENT:**

Resolution

ZONE 7  
ALAMEDA COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT

BOARD OF DIRECTORS

RESOLUTION NO.

INTRODUCED BY  
SECONDED BY

**Award a Contract for On-Call Materials Testing and Support Services**

WHEREAS, to support Zone 7's mission to deliver a safe and reliable supply of high-quality water for the Tri-Valley, Zone 7 implements improvements, modifications, and renewal/replacement projects under the Capital Improvement Program; and

WHEREAS, these projects are in support of Strategic Plan Initiative 3 – Continue to effectively implement infrastructure projects in the Water System Capital Improvement Program; and

WHEREAS, Zone 7 requires materials testing and support services for implementation of capital improvement projects and other related activities; and

WHEREAS, in accordance with Zone 7's Purchasing Policy, a competitive procurement process was completed to select a consulting firm to provide these services; and

WHEREAS, a Request for Qualifications was issued on January 19, 2024, and three statements of qualifications were received; and

WHEREAS, the selection committee evaluated the statements of qualifications based upon the capabilities requested and criteria outlined in the request for qualifications and determined that Geocon Consultants, Inc., was the best qualified firm to provide the requested services.

NOW, THEREFORE, BE IT RESOLVED, that the Board of Directors of Zone 7 of the Alameda County Flood Control and Water Conservation District does hereby authorize the General Manager to negotiate, execute, and amend as necessary a contract with Geocon Consultants, Inc., for on-call materials testing and support services for a not-to-exceed amount of \$120,000 (\$40,000 annually) for the three-year period of Fiscal Years (FYs) 2024-25 to 2026-27; and

BE IT FURTHER RESOLVED, that the Board of Directors authorizes the General Manager to amend the contract for on-call materials testing and support services, based on satisfactory performance, for up to two additional one-year terms (FYs 2027-28 to 2028-29), for a total five-year not-to-exceed contract amount of \$200,000 (\$40,000 annually); and

BE IT FURTHER RESOLVED, that the Board of Directors authorizes the General Manager to negotiate and execute agreement(s) with similarly qualified firms should the General Manager be unable to negotiate agreement(s) with the selected firm, or if, subsequent to implementing the agreement(s), the services are deemed not satisfactory by Zone 7.

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 May 15, 2024.

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



**ORIGINATING SECTION:** Flood Protection Engineering/Water Supply Engineering

**CONTACT:** Edward Reyes/Mona Olmsted

**AGENDA DATE:** May 15, 2024

**SUBJECT:** Award Contracts for On-Call Construction Management Support Services

**SUMMARY:**

- To support Zone 7 Water Agency's (Zone 7) mission to deliver safe, reliable, efficient, and sustainable water and flood protection services, Zone 7 implements projects to maintain its water and flood protection systems. These projects and related activities are in support of Strategic Plan Initiative 3 – Continue to effectively implement infrastructure projects in the Water System Capital Improvement Program, and Strategic Plan Initiative 9 – Continue to maintain the Flood Protection System.
- Zone 7 has an ongoing need for constructability reviews and construction management support services for current and future water supply and flood protection repair projects. Zone 7's current contract with Psomas, Inc., (Psomas) for these services for the water supply system expires on June 30, 2024. Zone 7 currently does not have a contract for these services for the flood protection system and anticipates needing them to address the large number of planned flood facility repair projects. Flood Protection Engineering (FPE) and Water Supply Engineering (WSE) are seeking construction management firms with direct experience in flood protection and water supply construction projects, respectively.
- In accordance with Zone 7's Purchasing Policy, a competitive procurement process was completed. A Request for Qualifications (RFQ) was issued on January 19, 2024, for Engineering and Other Professional Services. Nine statements of qualifications (SOQs) were received in the construction management support services category. The selection committee evaluated the SOQ's based upon the capabilities requested and criteria outlined in the RFQ and determined that Haley & Aldrich, Inc., (Haley & Aldrich) and Psomas were the best qualified firms to provide the requested services to FPE and WSE, respectively.
- Expenditures for the current contract term, which began in June 2021, are approximately \$27,000 to date. The proposed contract amount is higher than previously expended amounts due to anticipated greater reliance on on-call services as an extension of staff, increased rates from inflation, and the need for flexibility due to uncertainty in the timing of engineering design, construction, permit requirements, and other factors for work that would require construction management services.

- Staff recommends two contracts for these services, and that the Board authorize the General Manager to negotiate, execute, and amend as needed a contract with the following:
  - 1) Haley & Aldrich, Inc., or another qualified firm should negotiations with Haley & Aldrich, Inc., fail, for a not-to-exceed amount of \$150,000 (\$50,000 annually) for the three-year period of Fiscal Years (FYs) 2024-25 to 2026-27, with the option to amend the contract, based on satisfactory performance, for up to two additional one-year terms (FYs 2027-28 to 2028-29) for a total five-year not-to-exceed contract amount of \$250,000.
  - 2) Psomas, Inc., or another qualified firm should negotiations with Psomas, Inc., fail, for a not-to-exceed amount of \$150,000 (\$50,000 annually) for the three-year period of Fiscal Years (FYs) 2024-25 to 2026-27, with the option to amend the contract, based on satisfactory performance, for up to two additional one-year terms (FYs 2027-28 to 2028-29) for a total five-year not-to-exceed contract amount of \$250,000.

**FUNDING:**

Funding is included in the Proposed Two-Year Budget for FYs 2024-25 and 2025-26, and will be included in subsequent fiscal year budget requests for the following funds based on the scope of services needed: Fund 100 – Water Enterprise Operations, Fund 120 – Water Enterprise Renewal & Replacement/System-Wide Improvements, Fund 130 – Water Enterprise Expansion, and Fund 200 – Flood Protection Operations.

**RECOMMENDED ACTION:**

Adopt the attached Resolutions.

**ATTACHMENT:**

Resolutions

ZONE 7  
ALAMEDA COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT

BOARD OF DIRECTORS

RESOLUTION NO.

INTRODUCED BY  
SECONDED BY

**Award a Contract to Haley & Aldrich for On-Call Construction  
Management Support Services**

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

WHEREAS, these projects and related activities are in support of Strategic Plan Initiative 9 – Continue to maintain the Flood Protection System; and

WHEREAS, Zone 7 requires construction management support services for the implementation of repairs to flood protection systems and other related activities; and

WHEREAS, in accordance with Zone 7's Purchasing Policy, a competitive procurement process was completed to select a consulting firm to provide these services; and

WHEREAS, a Request for Qualifications was issued on January 19, 2024, and nine statements of qualifications were received; and

WHEREAS, the selection committee evaluated the statements of qualifications based upon the capabilities requested and criteria outlined in the request for qualifications and determined that Haley & Aldrich, Inc., was a best qualified firm to provide the requested services.

NOW, THEREFORE, BE IT RESOLVED, that the Board of Directors of Zone 7 of the Alameda County Flood Control and Water Conservation District does hereby authorize the General Manager to negotiate, execute, and amend as necessary a contract with Haley & Aldrich, Inc., for on-call construction management support services for a not-to-exceed amount of \$150,000 (\$50,000 annually) for the three-year period of Fiscal Years (FYs) 2024-25 to 2026-27; and

BE IT FURTHER RESOLVED, that the Board of Directors authorizes the General Manager to amend the contract for on-call construction management services, based on satisfactory performance, for up to two additional one-year terms (FYs 2027-28 to 2028-29), for a total five-year not-to-exceed contract amount of \$250,000 (\$50,000 annually); and

BE IT FURTHER RESOLVED, that the Board of Directors authorizes the General Manager to negotiate and execute agreement(s) with similarly qualified firms should the General Manager be unable to negotiate agreement(s) with the selected firm, or if, subsequent to implementing the agreement(s), the services are deemed not satisfactory by Zone 7.

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 May 15, 2024.

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

ZONE 7  
ALAMEDA COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT

BOARD OF DIRECTORS

RESOLUTION NO.

INTRODUCED BY  
SECONDED BY

**Award a Contract to Psomas for On-Call Construction  
Management Support Services**

WHEREAS, to support Zone 7's mission to deliver a safe and reliable supply of high-quality water for the Tri-Valley, Zone 7 implements improvements, modifications, and renewal/replacement projects under the Capital Improvement Program; and

WHEREAS, these projects and related activities are in support of Strategic Plan Initiative 3 – Continue to effectively implement infrastructure projects in the Water System Capital Improvement Program; and

WHEREAS, Zone 7 requires construction management support services for the implementation of water system capital improvement projects and other related activities; and

WHEREAS, in accordance with Zone 7's Purchasing Policy, a competitive procurement process was completed to select a consulting firm to provide these services; and

WHEREAS, a Request for Qualifications was issued on January 19, 2024, and nine statements of qualifications were received; and

WHEREAS, the selection committee evaluated the statements of qualifications based upon the capabilities requested and criteria outlined in the request for qualifications and determined that Psomas, Inc., was a best qualified firm to provide the requested services.

NOW, THEREFORE, BE IT RESOLVED, that the Board of Directors of Zone 7 of the Alameda County Flood Control and Water Conservation District does hereby authorize the General Manager to negotiate, execute, and amend as necessary a contract with Psomas, Inc., for on-call construction management support services for a not-to-exceed amount of \$150,000 (\$50,000 annually) for the three-year period of Fiscal Years (FYs) 2024-25 to 2026-27; and

BE IT FURTHER RESOLVED, that the Board of Directors authorizes the General Manager to amend the contract for on-call construction support services, based on satisfactory performance, for up to two additional one-year terms (FYs 2027-28 to 2028-29), for a total five-year not-to-exceed contract amount of \$250,000 (\$50,000 annually); and

BE IT FURTHER RESOLVED, that the Board of Directors authorizes the General Manager to negotiate and execute agreement(s) with similarly qualified firms should the General



Manager be unable to negotiate agreement(s) with the selected firm, or if, subsequent to implementing the agreement(s), the services are deemed not satisfactory by Zone 7.

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 May 15, 2024.

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



**ORIGINATING SECTION:** Water Supply Engineering

**CONTACT:** Brandon Woods/Mona Olmsted

**AGENDA DATE:** May 15, 2024

**SUBJECT:** Award a Contract for On-Call Hydraulic Modeling Support Services

**SUMMARY:**

- To support Zone 7 Water Agency's (Zone 7) mission to deliver a safe and reliable supply of high-quality water for the Tri-Valley, Zone 7 implements improvements, modifications, and renewal/replacement projects under the Capital Improvement Program (CIP). These projects are in support of Strategic Plan Initiative 3 – Continue to effectively implement infrastructure projects in the Water System CIP.
- Zone 7 has an ongoing need for treated water system hydraulic modeling support services to update the model to reflect the latest changes to the system, evaluate facility modifications, assess operational implications of new services or changed operations, and investigate scenarios to identify capital improvement projects. In the coming year, staff anticipates additional modeling to support retailer contract discussions. Zone 7 does not have a current contract for these services.
- In accordance with Zone 7's Purchasing Policy, a competitive procurement process was completed. A Request for Qualifications (RFQ) was issued on January 19, 2024, for Engineering and Other Professional Services. Seven statements of qualifications (SOQs) were received in the hydraulic modeling support services category. The selection committee evaluated the SOQ's based upon the capabilities requested and criteria outlined in the RFQ and determined that Carollo Engineers, Inc., (Carollo) was the best qualified firm to provide the requested services.
- Staff recommends that the Board authorize the General Manager to negotiate, execute, and amend, as needed, a contract with Carollo Engineers, Inc., or another qualified firm should negotiations with Carollo Engineers, Inc., fail, for on-call hydraulic modeling support services for a not-to-exceed amount of \$175,000 (\$75,000 for the first year and \$50,000 annually for subsequent years) for the three-year period of Fiscal Years (FYs) 2024-25 to 2026-27, with the option to amend the contract, based on satisfactory performance, for up to two additional one-year terms (FYs 2027-28 to 2028-29), for a total five-year not-to-exceed contract amount of \$275,000 (\$50,000 annually for years four and five).

**FUNDING:**

Funding is included in the Proposed Two-Year Budget for FYs 2024-25 and 2025-26 and will be included in subsequent budget requests for 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.

INTRODUCED BY  
SECONDED BY

**Award a Contract for On-Call Hydraulic Modeling Support Services**

WHEREAS, to support Zone 7's mission to deliver a safe and reliable supply of high-quality water for the Tri-Valley, Zone 7 implements improvements, modifications, and renewal/replacement projects under the Capital Improvement Program; and

WHEREAS, these projects are in support of Strategic Plan Initiative 3 – Continue to effectively implement infrastructure projects in the Water System Capital Improvement Program; and

WHEREAS, Zone 7 requires hydraulic modeling support services for implementation of capital improvement projects and other related activities; and

WHEREAS, in accordance with Zone 7's Purchasing Policy, a competitive procurement process was completed to select a consulting firm to provide these services; and

WHEREAS, a Request for Qualifications was issued on January 19, 2024, and seven statements of qualifications were received; and

WHEREAS, the selection committee evaluated the statements of qualifications based upon the capabilities requested and criteria outlined in the request for qualifications and determined that Carollo Engineers, Inc., was a best qualified firm to provide the requested services.

NOW, THEREFORE, BE IT RESOLVED, that the Board of Directors of Zone 7 of the Alameda County Flood Control and Water Conservation District does hereby authorize the General Manager to negotiate, execute, and amend as necessary a contract with Carollo Engineers, Inc., for on-call hydraulic modeling support services for a not-to-exceed amount of \$175,000 (\$75,000 for year one, \$50,000 annually for subsequent years) for the three-year period of Fiscal Years (FYs) 2024-25 to 2026-27; and

BE IT FURTHER RESOLVED, that the Board of Directors authorizes the General Manager to amend the contract for on-call hydraulic modeling support services, based on satisfactory performance, for up to two additional one-year terms (FYs 2027-28 to 2028-29), for a total five-year not-to-exceed contract amount of \$275,000 (\$50,000 annually for years four and five); and

BE IT FURTHER RESOLVED, that the Board of Directors authorizes the General Manager to negotiate and execute agreement(s) with similarly qualified firms should the General Manager be unable to negotiate agreement(s) with the selected firm, or if, subsequent to implementing the agreement(s), the services are deemed not satisfactory by Zone 7.

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 May 15, 2024.

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

Board Report for May 2024 PALMER

### **May is Water Awareness Month: ACWA**

California's Water Awareness Month will kick off May 1, providing water suppliers an opportunity to highlight agency efforts, programs and investments made to continue delivering safe and affordable water to the communities they serve. This is also a great opportunity to continue asking customers to use water wisely and share information on the Making Conservation a California Way of Life Regulation that is expected to be adopted this summer.

As part of the designated month, urban and agricultural water agencies are encouraged to plan now to utilize their communication channels to educate communities and other key audiences on the essential role that water suppliers play in providing safe and reliable water services.

ACWA is encouraging member agencies to participate in Water Awareness Month through the suggested activities below. A logo and several documents and graphics are provided in an [ACWA toolkit](#).

### **California Special Districts Association**

CSDA Advocacy Action Priorities Last Reaffirmed by the CSDA Legislative Committee on March 1, 2024:

- Protecting Local Revenue: Preserving sources and uses of local revenue for special districts, including through ratemaking authority, property tax, and the ability to fund and maintain appropriate reserves. Ensuring special districts have equitable access, as compared to other service providers, to state and federal funding to support building and maintaining infrastructure.
- Supporting the Infrastructure and Essential Services that Communities Depend on, and
- that are Fundamental to Our Housing Needs: Ensuring special districts can effectively plan and fund the long-term infrastructure and services that are a pre-requisite for building the homes and supporting and growing the communities we need for both current and future residents.
- Enhancing, not limiting, local funding tools, including development impact fees, for growing communities.
- Funding Climate Adaptation and Resilience, and Zero Emission Vehicles Mandates:
- Confronting the threats and impacts of drought, wildfire, flooding, seawater intrusion and air pollution.

CSDA has changed its position on the following bills through CSDA's CEO, Neil McCormick:

[SB 1387 \(Newman\)](#) **California Hybrid and Zero-Emission Truck and Bus Voucher Incentive Project: vehicle eligibility** from this measure is substantially similar to [AB 2266 \(Petrie-Norris\)](#), also supported by CSDA and its local government partners.

The measure would expand the current [Hybrid and Zero-emission Truck and Bus Voucher Incentive Project \(HVIP\)](#) voucher program to defray costs of acquisition of certain Zero Emission Vehicles – to include vehicles over 8500bs for public and private entities. The measure would allow local agencies to get a voucher (currently \$7500 for a vehicle of this type) from the state for the purchase of a broader selection of Zero Emission Vehicles-- like pickup trucks. Changed from **"WATCH" to "Support 3"**.

[AB 2451 \(Cervantes\)](#) **Prevailing Wage Determinations for Public Works Projects** This measure would require the body awarding any contract for public work when determining pay rates, where the rates arise from collective bargaining agreements that have overlapping crafts or classifications, the higher rate shall prevail. This would add complexity, costs and risk attracting fewer bidders, more disputes and potentially time. Changed from **"WATCH" to "OPPOSE 3"**

Anthony Tannehill

Legislative Representative

California Special Districts Association

## **Chromium VI hearing 4/17/24**

Comments to be made by Nick Blair of ACWA Staff

Below is a summary of my intended comments for the Hexavalent Chromium MCL (10 ppb) hearing on Wednesday April 17. I know a few of you are planning to attend and comment. Please touch base with me if you plan to attend (virtually or in-person) and have not yet told me you will be attending.

- ACWA appreciates the hard work of State Water Board staff and the Board through this long process
- ACWA appreciates the addition of compliance timeline[s] to add much needed flexibility for public water systems

- Some of our members still have concerns about financial constraints and supply chain issues, but they are working as expediently as possible to be in compliance with the proposed MCL
- ACWA encourages the State Water Board to continue to look at financial and technical support for water systems in disadvantaged and low income communities
- ACWA also encourages expedien[t] ongoing dialogue from the local DDW offices in working with water systems that are doing their due diligence to be in compliance, but may experience challenges as noted earlier. We have a few member agencies that will be commenting further on this.

**PFAS ACWA Workgroup Questions for Darrin Polhemus (DDW) on future California PFAS MCLs**

**from Patrick Versluis**

1. It has been discussed that DDW may adopt the recently released US EPA PFAS MCLs. Is that true and what is the timeline for DDW to adopt the US EPA PFAS MCLs?
2. The US EPA PFAS MCLs provide a 5-year MCL compliance timeline. The extended timeline will be very important to assist water agencies in complying with new MCLs by allowing time for budgeting, designing, and constructing the required treatment facilities.
3. The extended deadline will also assist in extended likely impacts to ratepayers from costs to treat for PFAS. Will DDW plan to maintain the 5-year MCL compliance timeline similar to the US EPA compliance timeline?
4. Will the initial monitoring requirements be similar to the US EPA requirements of four (4) quarters of initial monitoring. Will DDW allow for past monitoring to meet initial monitoring requirements and how far back will DDW allow sample results to apply to the initial monitoring requirements?
5. Will SWRCB and DDW be requesting additional funding from the State budget or providing any additional funding resources to help water systems meet the new PFAS MCLs? Are there any current funding sources that water systems can access to assist in addressing impacts from PFAS?

**April 19 ACWA Region 5 Board Meeting (via Zoom)**

**April 29 Tri-Valley Water Liaison meeting**

**April 30 ACWA Paving guidelines Workgroup**

**May 1 ACWA Local Government Committee Workgroup on City and County Planning**



## **May 3 CSDA Legislative Committee meeting**

### **ACWA Spring Conference May 7-9:**

Big takeaway from the keynote address: Wade Crowfoot and Gavin Newsom both came out with strong support for the Delta Conveyance Project

Quotes from Gavin Newsom at the ACWA Conference:

"The Delta Conveyance is climate adaptation"

"I will do everything I can to get that project permitted."

### **ACWA Region 5 Program and Tour**

**Friday, September 13th**

**Topic: Pajaro Valley Tour, discussion on damage and repair from major flooding last year**

**ORIGINATING SECTION:** Administration

**CONTACT:** Valerie Pryor

**AGENDA DATE:** May 15, 2024

**SUBJECT:** General Manager's Report

**SUMMARY:**

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

Engineering and Water Quality:

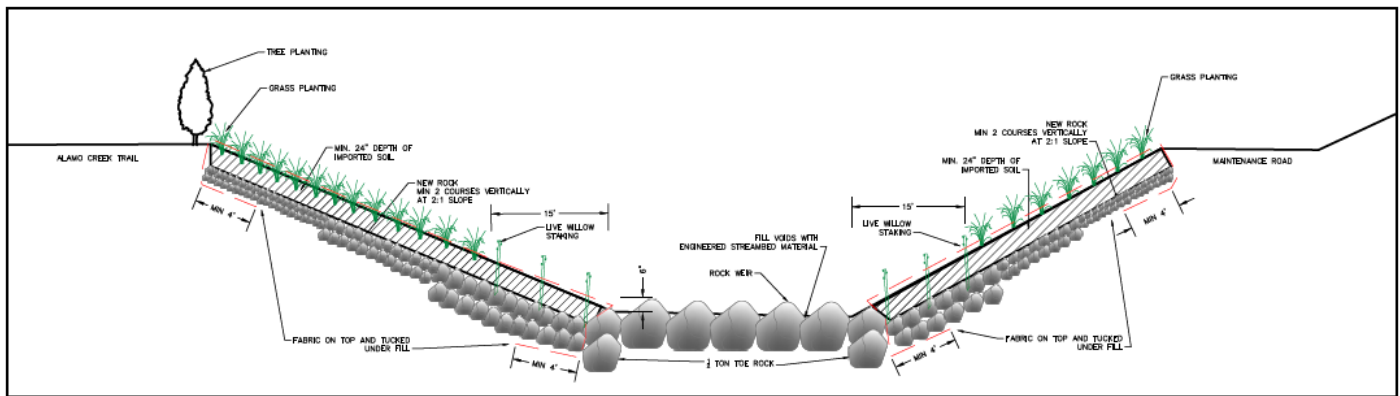
**Federal Regulatory Update – Per- and Polyfluorinated Substances (PFAS):** On April 10, US EPA announced the final National Primary Drinking Water Regulation (NPDWR) for six PFAS, including individual Maximum Contaminant Level (MCL) for PFOA and PFOS at 4 parts per trillion (ppt), individual MCL for PFHxS, PFNA, and GenX Chemicals at 10 ppt, and an MCL for a mixture of 4 PFAS (PFHxS, PFNA, GenX Chemicals, and PFBS) at no greater than a Hazard Index of 1.0 (see summary below). EPA also finalized health-based, non-enforceable Maximum Contaminant Level Goals (MCLGs) for these PFAS. Public water systems must monitor for these PFAS and have three years to complete initial monitoring (by 2027), followed by ongoing compliance monitoring. Public water systems will have five years (by 2029) to implement solutions that reduce these PFAS if monitoring shows that drinking water levels exceed these MCLs.

Though we do not have to meet these MCLs for five years, because of Zone 7's commitment to delivering a safe and reliable water supply to our customers, we have voluntarily made changes to our operations to meet the MCLs now.

On April 19, the EPA announced the final rule to designate PFOA and PFOS as hazardous substances under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), also known as the Superfund, to help ensure that polluters pay to clean up their contamination. To limit the liability of parties (such as water utilities) that have not played a significant role in the contamination, EPA issued a separate CERCLA enforcement discretion policy to hold "responsible entities who significantly contributed to the release of PFAS into the environment, including parties that manufactured PFAS or used PFAS in the manufacturing process, federal facilities, and other industrial parties." The EPA does not intend to pursue certain entities, including publicly owned treatment works and municipal separate storm sewer

systems. The EPA will publish the final rule in the Federal Register shortly, which will be effective 60 days after the rule is published in the Federal Register.

**Alamo Creek Bank Stabilization and Flood Management Pilot Project:** Zone 7 and California Department of Water Resources (DWR) entered into a funding agreement to implement a Flood Protection Pilot Project as part of DWR’s Floodplain Management, Protection, and Risk Awareness Program. The funding agreement provides a grant of \$4,606,890 to implement channel modules that will assist with reducing channel impacts due to high velocities in the channel. Module elements include a rock cross-vane to redirect turbulent flows away from the bank and toward the center of the channel (see image). Toe rock and embedded rock in the banks are designed to prevent scour and enhance bank stability. Live stake plantings (e.g., willow and mule fat) at the toe of the banks and planted up to approximately the 10-year water surface elevation will help to reduce velocities along the banks and prevent erosion. Zone 7 is investigating the feasibility of constructing the proposed modules to also address bank damage that occurred as a result of the 2023 storm events. Staff anticipates this project to be completed by the end of 2025.



**A**  
UPSTREAM DETAIL (NOT TO SCALE)

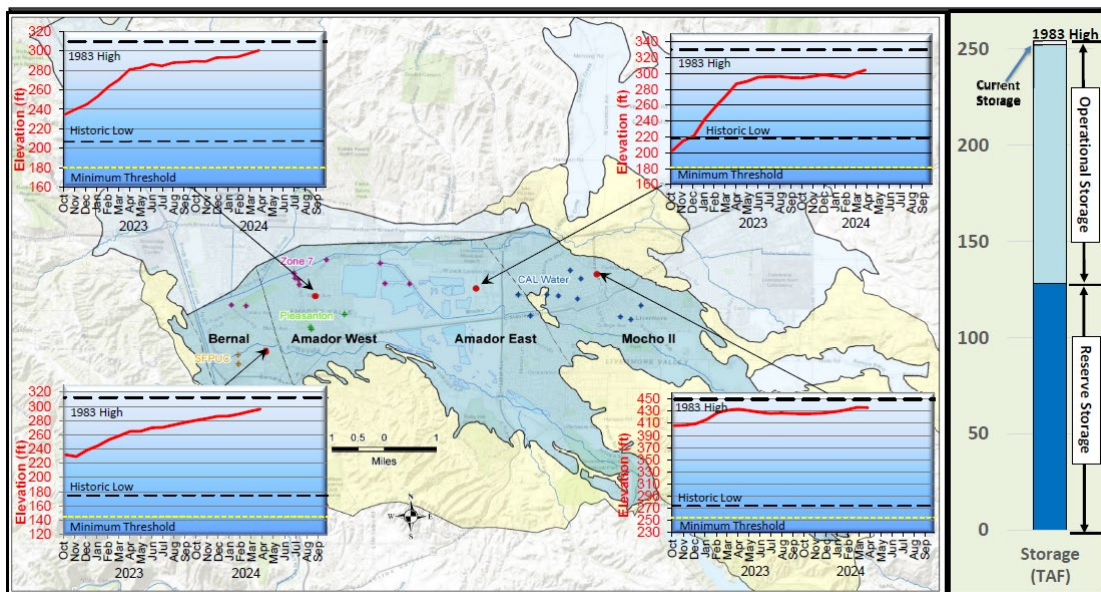
**Chain of Lakes Wells PFAS Treatment Facility Project:** The contractor continues with rebar installation of the concrete vessel system pad and installation of underground storm drain piping. Concrete pouring of the vessel system pad is anticipated in May. Vessel system installation is projected to be in June. The project is anticipated to be complete in fall 2024.

Integrated Water Resources:

On April 23, 2024, DWR announced an increase in the SWP allocation to 40%. In the announcement, DWR stated “Although water year 2024 is currently classified as an Above Normal year, the ability to move water supply south through the system this spring continues to be impacted by the presence of threatened and endangered fish species near SWP pumping facilities in the south Delta. The presence of these fish species has triggered state and federal regulations that significantly reduce the pumping from the Delta into the California Aqueduct, which limits the SWP’s ability to move and store water in San Luis Reservoir. This reduced pumping is expected to continue into late spring.

Staff continues to track the demand conditions, and in April 2024, Zone 7's treated water production volume was 0.5% lower than the same time in 2023. Calendar year to date (through April 30) treated production and untreated deliveries are approximately 25% lower than the same period in 2020. April treated water supply comprised 93% surface water and 7% groundwater.

Staff completed spring semi-annual groundwater measurements this week. Water levels across the basin continue to increase except for the Mocho II subbasin (east), where water levels are relatively steady. Current groundwater levels are approaching a historic high and the total storage including the portion of the storage below SGMA's minimum threshold is approximately 252 thousand Acre-feet (98.5% of operational storage capacity).



**Water Supply and Reliability Projects:** Zone 7 is currently actively pursuing water supply and reliability projects. Key activities are as follows:

- Delta Conveyance Project:** Zone 7 is participating in the four-year planning and permitting process and has approved funding through calendar year 2024. The environmental planning and preliminary engineering work are on schedule and on budget. The design is currently at 10% and a California Endangered Species Act Incidental Take Permit was submitted to the California Department of Fish and Wildlife on April 9. The Delta Conveyance Design and Construction Authority (DCA) estimates that if DCP was in operation during 2024, it would have resulted in an additional 909,000 AF capable of being moved south of the Delta from January 1- April 11. The DCA anticipates releasing an updated cost estimate in the coming months. Zone 7 representatives continue to serve on the Boards of the Delta Conveyance Design and Construction Authority (DCA) and the Delta Conveyance Finance Authority (DCFA). Minutes for the March 8, 2024 DCA Board meeting are attached. Board packets for both the DCA and the DCFA can be found at: <http://www.dcdca.org/#meetings>.

- **Los Vaqueros Reservoir Expansion (LVE).** The Los Vaqueros Reservoir JPA Board met on April 10. The JPA Board discussed the Multi-party Agreement Amendment No. 6 and will consider the amendment at the May JPA Board meeting. The JPA published a revised construction schedule that reflects the delay in receiving the California Water Commission (CWC) funding and the delay of near-term design activities. The new schedule shows that construction is expected to begin a year after the CWC funding is approved.
- **Sites Reservoir.** The Sites Reservoir Committee and Authority Board met on April 19. The Sites JPA provided a status update on environmental permitting efforts. The State Incidental Take Permits are expected to be issued in October 2024 and the Biological Opinions for Sites programmatic operations is expected to be issued in December 2024. The JPA Board discussed options for financing project construction costs and the impacts to participant costs.

#### Operations and Maintenance:

Staff worked on several projects including support work for the Del Valle Water Treatment Plant (DVWTP) Ozonation post-project work, the Patterson Pass Water Treatment Plant (PPWTP) Expansion and Ozonation Project, the Mocho Groundwater Demineralization Plant Concentrate Conditioning project, the Stoneridge PFAS Treatment Facility Project phase 2 and the Chain of Lakes PFAs Treatment Facility Project. Staff is in the process of commissioning the Stoneridge Facility. Staff is reviewing proposals from Computerized Maintenance Management System (CMMS proposers).

#### Administration:

**FY 2024-26 Two-Year Budget:** Staff kicked-off the FY 2024-26 Two-Year Budget on January 18, 2024. The Two-Year Budget was presented to the Board on May 1, 2024, at a Special Board Meeting (Board Workshop). The budget as directed by the Board will be formally adopted by the Board at the June 11, 2024, Regular Board meeting.

## Monthly List of GM Contracts

**April 2024**

<u>Contracts</u>	<u>Amount</u>	<u>Purpose</u>
Rescue Towing	\$45,000	Towing Services As-Needed
Swaim Biological Inc.	\$15,000	On-Call Ecological Services, including Rattlesnake Relocation and Mitigation Planning Support
<b>Total April 2024</b>	<b>\$60,000</b>	

BOARD OF DIRECTORS MEETING

MINUTES

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REGULAR MEETING

Friday, March 8, 2024

1:00 p.m.

(Paragraph numbers coincide with agenda item numbers)

**1. CALL TO ORDER**

The regular meeting of the Delta Conveyance Design and Construction Authority (DCA) Board of Directors was called to order in person, by teleconference, and remotely - Conference Access Information: Phone Number: (669) 444-9171, Code: 84370256189#, <https://dcdca-org.zoom.us/j/84370256189?from=addon> at 1:00 pm.

**2. ROLL CALL**

Board members in attendance from the DCA Boardroom were Sarah Palmer and Gary Martin. Martin Milobar participated from Kern County Headquarters Boardroom, Miguel Luna participated from Metropolitan Water District Conference Room, Robert Cheng participated from Coachella Valley Water Admin. Conference Center, Alternate Director Dennis LaMoreaux sitting in for Adnan Anabtawi participated from Palmdale Water District Boardroom and Tony Estremera participated from Valley Water Headquarters Boardroom.

Alternate Directors in attendance remotely were Russel Lafevre, Bob Tincher and John Weed.

DCA staff members in attendance were Graham Bradner and Josh Nelson.

**3. CLOSED SESSION**

a) PUBLIC EMPLOYEE APPOINTMENT

(Government Code Section 54957)

Title: Executive Director

b) CONFERENCE WITH LABOR NEGOTIATORS

(Government Code Section 54957.6)

Agency designated representatives: Robert Cheng, Tony Estremera, Gary Martin

Contractor: Executive Director

c) CONFERENCE WITH LEGAL COUNSEL

Significant exposure to litigation pursuant to Government Code Section 54956.9(d)(2):

*Tulare Lake Basin Water Storage District v. DWR*, Sacramento Superior Court, Case No. 24WM000006 (and related cases Nos. 24WM000008, 09, 10, 11, 12, 14, 17); *South Delta Water Agency v. DWR*, San Joaquin Superior Court, Case No. STK-CV-UCP-2024-0000816

**4. OPEN REGULAR MEETING & PLEDGE OF ALLEGIANCE**

**5. APPROVAL OF MINUTES: February 15, 2024, Regular Board Meeting**

Recommendation: Approve the February 15, 2024, Regular Board Meeting Minutes

Motion to Approve Minutes from February 15, 2024, as

Noted: Estremera  
Second: Martin  
Yeas: Palmer, Milobar, Martin, Luna, Estremera, Cheng, LaMoreaux  
Nays: None  
Abstains: None  
Recusals: None  
Absent: None  
Summary: 7 Yeas; 0 Nays; 0 Abstain; 0 Absent. (Motion passed as MO 24-02-01).

**6. DISCUSSION ITEMS:**

**a) Adopt Resolution Approving the Executive Director Services Agreement**

*Approve Resolution*

Recommendation: Adopt Resolution Approving the Executive Director Services Agreement

Motion to Adopt Resolution Approving the Executive Director Services Agreement, as

Noted: Estremera  
Second: Martin  
Yeas: Palmer, Milobar, Martin, Luna, Estremera, Cheng, LaMoreaux  
Nays: None  
Abstains: None  
Recusals: None  
Absent: None  
Summary: 7 Yeas; 0 Nays; 0 Abstain; 0 Absent. (Motion passed as Resolution 24-03).

DCA General Counsel, Josh Nelson stated that the draft resolution and agreement were not included in the packet as it was conditioned on the Board’s discussion and closed session. As a result of this discussion, the Board is prepared to move forward this item to adopt a resolution to approve an agreement with Bradner Consulting LLC for Executive Director Services. A copy of the agreement and resolution is on the screen and will be posted online and physical copies are available in the Board Chambers.



President Palmer stated that DCA has reappointed Graham Bradner as the Executive Director of the DCA through a unanimous vote on March 8<sup>th</sup>, 2024. The Board has been overly impressed by Mr. Bradner's leadership and work throughout the years. He has led a team to design a constructible project that supports water security goals. Mr. Bradner has been effective in guiding the team to find creative engineering responses to Delta Community concerns. Mr. Bradner has been selected through the public Procurement Process.

Mr. Bradner thanked the Board for their support.

No further comments or questions were received from the Board, nor were any public comment requests received.

## 7. STAFF REPORTS AND ANNOUNCEMENTS:

### a. General Counsel's Report

DCA General Counsel, Josh Nelson, informed the Board that the annual Form 700s are due by April 2, 2024.

Director Martin asked if he would be notified if the form had not been submitted.

Ms. Rodriguez stated that she would notify members of the form.

No comments or questions were received from the Board, nor were any public comment requests received.

### b. Verbal Reports

President Palmer stated that she has attended the Association of California Water Agencies (ACWA) Conference in Washington D.C. and represented Zone 7 and DCA. While at ACWA president Palmer connected with staff and officials. President Palmer was able to provide information to the ACWA attendees of the DCA project.

DCA Treasurer Katano Kasaine stated that it has been very critical and important to have Mr. Bradner work with their team.

Mr. Bradner stated that he appreciated Ms. Katano's comments.

President Palmer stated that there was an Ad Hoc Committee with Director Martin, Director Estremera and Director Cheng. This group worked hard and brought a great

recommendation. President Palmer also recognized Nina Hawk, Claudia Rodriguez and Mike Wuflestad for preparing everything for the board to consider.

No further comments or questions were received from the Board, nor were any public comment requests received.

**8. FUTURE AGENDA ITEMS:**

No future agenda items requested.

**9. PUBLIC COMMENT:**

No public comment requests.

**10. ADJOURNMENT:**

President Palmer adjourned the meeting at 2:24 p.m., remotely-Conference Access Information: Phone Number: (669) 444-9171, Code: 84370256189#, <https://dcdca-org.zoom.us/j/84370256189?from=addon>

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

**AGENDA DATE:** May 15, 2024

**SUBJECT:** April Outreach Activities

**SUMMARY:**

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

**Communications Plan Updates**

**Conservation Outreach:** Staff met with the retail partner communications committee to collaborate on promoting the water conservation rebates and educating customers on best practices for creating long-term habits of water conservation around the home and garden. The partners also discussed the quarterly performance of the Tri-Valley Public Information Program, preparation for the planned bi-annual survey, potential community presentations on water reliability challenges and solutions, sharing information on Water Awareness Month/Patterson Pass Tours, Alameda County Clean Water Program grant opportunities and upcoming retail partner events.

**Outreach Program Updates**

**Schools' Program:** Teachers visited 50 classrooms in April.

**In-Person Events:**

SF Flower and Garden Show, Thursday April 4 through Sunday, April 7, Alameda County Fair Grounds. Zone 7 partnered with Alameda County Clean Water Program and City of Pleasanton to host a table at this annual event in its new location. Our booth featured drought tolerant plants demonstrating three of the four gardens featured on Zone 7's Garden by Number webpage. About 500 people visited the booth, many of which engaged in topical conversations and were happy to learn about the many resources available.

Tri-Valley Innovation Fair, Saturday, April 13, 2024, 10:00am-5:00pm at Alameda Fairgrounds. Zone 7 Water Agency was well represented at this hands-on event with over 50 exhibitors. Our booth featured an activity in which participants guessed the names, and purpose of retired and current equipment used while caring for water. Both the activity and giveaway were well received and appreciated by over 600 attendees.

City of Pleasanton Earth and Arbor Day Celebration, Saturday, April 20, 10:00am-3:00pm, at the Pleasanton Library, 400 Old Bernal Avenue. Zone 7 participated in this new event with an activity where children made newspaper pots and planted sunflower seeds to take home. While the children were engaged with the activity, their adults learned about the many tools and rebates Zone 7 offers to help them save water. In total, over 200 people visited our booth.

Dublin Lawn Party, Saturday, April 20 8:00am-12:00pm at Emerald Glen Park. As a part of City of Dublin's Pride Volunteer week, Zone 7 partnered with city staff and StopWaste to convert a turf area at Emerald Glen Park to a drought tolerant garden. 60 participants signed up and were able to get a hands-on demonstration of sheet mulching as well as learning the benefits of converting your lawn. Zone 7 shared a booth with Dublin San Ramon Services District (DSRSD) that provided rebate information, shower buckets, water conservation giveaways, information on DSRSD's Aquahawk customer portal, and information on the upcoming Patterson Pass Water Treatment Plant public tour.

Ag & Enviro Adventure Day, Livermore High School, Tuesday, April 23, 2024, 8:00am-3:00pm. Zone 7 continued the tradition of attending this organized event for Livermore third graders. The students and their parents interacted with a movement-based activity which highlights our watershed and its connection with the community. There were over 200 attendees, and everyone was very engaged and excited to participate.

Altamont Creek, Earth Day Family Science Night, Altamont Creek Elementary School, Livermore, Tuesday, April 23, 2024, 6:00pm – 8:00pm. Zone 7's floodplain model was a big hit at their Earth Day Science Family night. Over 100 people learned more about our watershed and the connection between droughts and floods.

Bringing Back the Natives Tour, Sunday, May 5, 10:00am-5:00pm. Zone 7 will have a booth at a resident's home during the tour to educate visitors about native plants and lawn rebates. The booth will feature rebate information, an activity for children, and snacks for volunteers.

Quest Science Center, Saturday, May 11, 2024, 10:00-1:00, Quest Plaza at Stockmen's Park, 29 S. Livermore Ave. Zone 7 will join other local groups in a hands-on science event focused on Bubbles! Families will be invited to engage in activities exploring the properties of water.

Marylin Avenue Family Science Night, Marylin Avenue School, Livermore, Monday, May 13 from 6:00pm – 8:00pm. Zone 7 has been asked to participate in this STEM school's family science night. We look forward to engaging with Marylin Avenue students and their family members.

Patterson Pass Water Treatment Plant Tours, Saturday, May 18, 2024, 10:00am-2:00pm. To celebrate May as Water Awareness Month Zone 7 will offer public tours of the Patterson Pass Water Treatment Plant, featuring a 15-minute introduction to the facility and its upgrades, followed by a 45-minute guided walking tour. Guests will enjoy refreshments, snacks, and free water-related promotional items while enjoying a behind-the-scenes look at the complex world of water treatment.

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

**ATTACHMENT:**

General Monthly Analytics Dashboard for Zone7Water.com

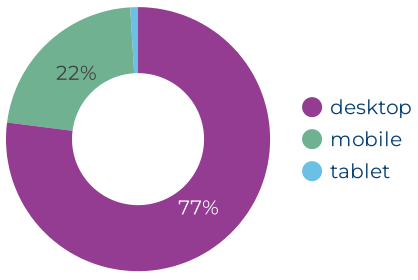
### Highlights:

Total users	Views
<b>5,694</b>	<b>16,285</b>
↓ -16.9%	↑ 9.9%
New users	Engagement rate
<b>5,348</b>	<b>56.62%</b>
↓ -17.5%	↑ 21.7%
Sessions	User engagement
<b>8.5K</b>	<b>106:08:43</b>
↓ -9.1%	↑ 13.8%

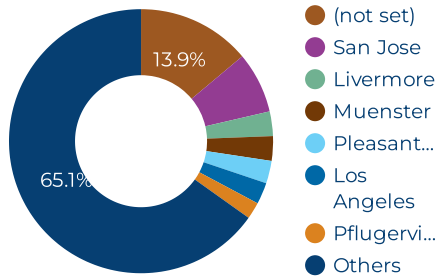
### Most visited pages on the website - users and pageviews

	Page title	Views	Total users
1.	Zone 7 Water Agency - the Tri-Valley region's water wholesaler	2,091	1,058
2.	Examples of a Water Cycle Story - Zone 7 Water Agency	1,119	811
3.	Careers - Zone 7 Water Agency	820	517
4.	Construction & Business Opportunities - Zone 7 Water Agency	779	377
5.	2. Explore Permeability - Zone 7 Water Agency	773	323
6.	4. Label the Water Cycle - Zone 7 Water Agency	640	560
7.	Lessons Middle School - Groundwater - Zone 7 Water Agency	540	295
8.	Board Meetings - Zone 7 Water Agency	382	167
9.	Operated Equipment Supply for Engineering Repairs and Upgrades to Flood Protection Facilities - Zone 7 Water Agency	360	209
10.	Summer 2024 Internship Opportunities - Zone 7	307	187

### Device Type:



### Users by City

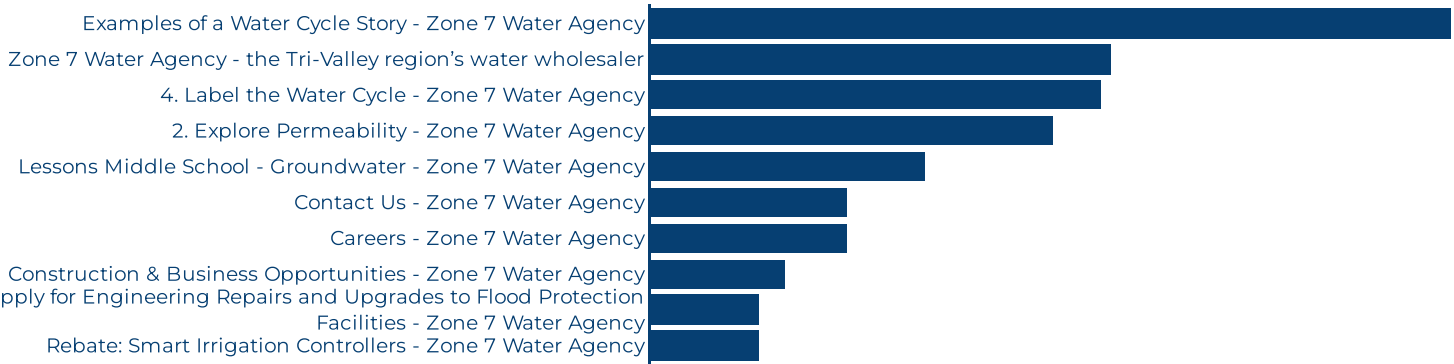


### Acquisition source/medium - where traffic sessions come from

	Session source	Session medium	Sessions
1.	google	organic	4,116
2.	(direct)	(none)	3,102
3.	bing	organic	247
4.	l.facebook.com	referral	85
5.	cityofpleasantonca.gov	referral	83
6.	dsrsd.com	referral	79
7.	FB	AD	55
8.	user_password_reset	email	54
9.	wateragency.sharepoint.com	referral	50

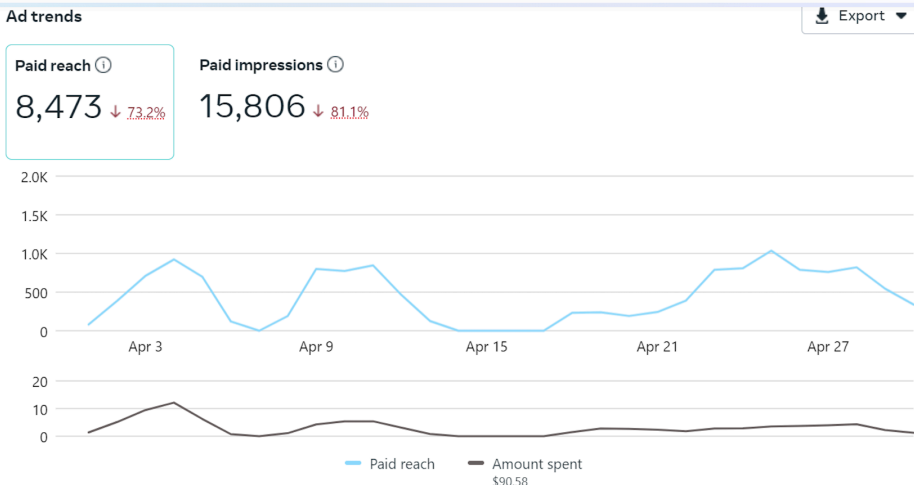
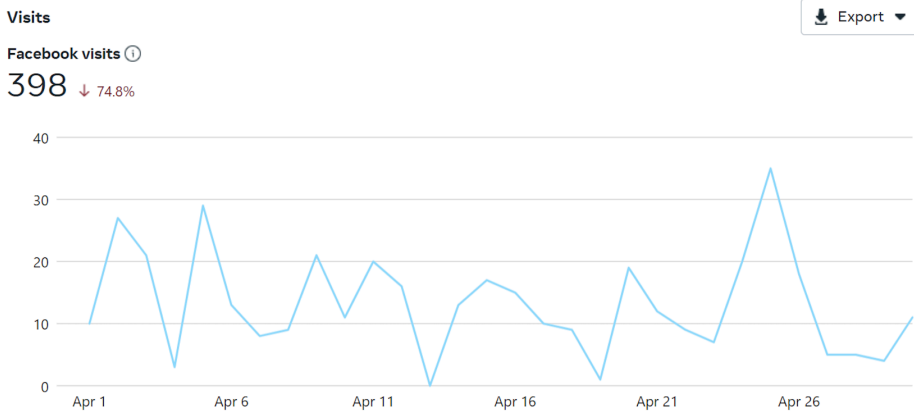
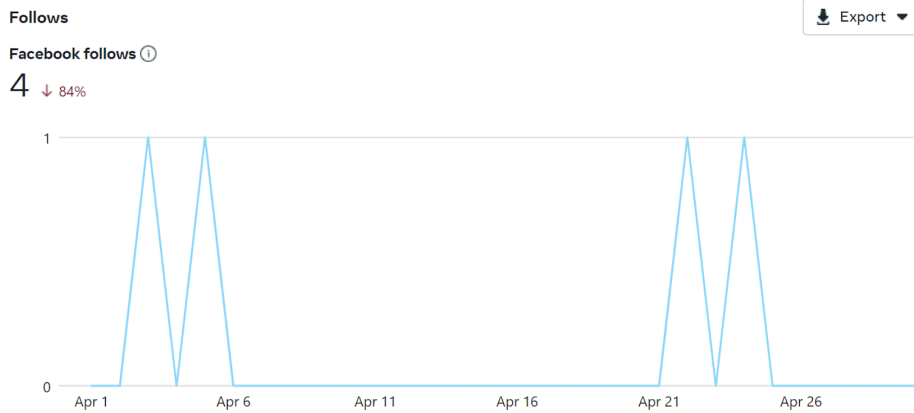
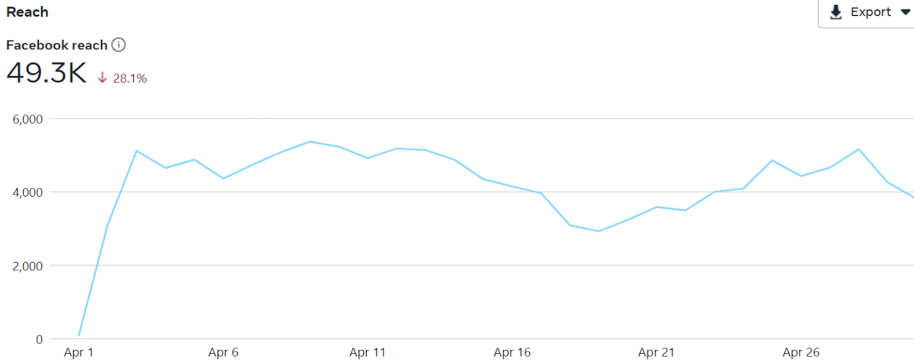
1 - 100 / 101 < >

### Pages with the most time spent by users



## Facebook Snapshot Analytics

Total Posts **26**    Engagement **153**    Clicks **307**    Page Followers **1,120**



## Mailchimp Delivery Analytics

Total Eblasts Sent  
**3**

Total Deliveries  
**2,787**

Avg. Open Rate %  
**42%**

Total Clicks  
**196**

## Monthly YouTube Performance

Total Views  
**19,793**

Total Watch Time  
**363.5 hrs**

Impressions  
**9,527**

### Top Five Videos of Month

- Stoneridge Well Ion Exchange PFAS Treatme...  
Sep 13, 2023
- Tri-Valley Water Partners\_Our Water's Journey  
Aug 24, 2023
- Patterson Pass Water Treatment Plant - Tre...  
Sep 14, 2022
- Stoneridge Well - Ion Exchange Vessel Install...  
Aug 3, 2023
- Our Water's Journey  
Jul 25, 2023

## Insights & Opportunities

### WEBSITE

- Website traffic was down slightly again in April, compared to the all time high of total users we experienced in February. However, at 5,694 users, we are still experiencing higher traffic this year than our monthly average of approximately 4k per month over the past three years.
- Business opportunities posted in the RFP section of the site continued to drive traffic, along with the career section with internship posting garnering new traffic this month.
- The education program and lessons continue to be a popular area of our website with multiple school districts locally and across the country utilizing the lessons on a regular basis.

### SOCIAL MEDIA

- April had less social media engagement, due to no major events or contests, however, we expect to see a return to major engagement with new events in May for Water Awareness Month with our annual Patterson Pass Water Treatment Plant Tours and the Spring Irrigation Plant workshop.
- Video views on YouTube performed well this month with a new concerted effort to ensure all of our video content is reaching the community with a supportive distribution strategy. The initiative is increasing engagement across the board with our top ten videos of the month receiving the following number of views, just within the month of April.
  - Stoneridge Well Facility Now Open - 8,747 View
  - Tri-Valley Water Partners - Our Water's Journey - 3,056
  - Stoneridge Well Vessel Installation - 1,836
  - Patterson Pass Water Treatment Plant Upgrades - 1,691
  - Water Quality Highlights - Annual Report Short - 1,342
  - Tri-Valley Water Partner - Our Water's Journey :60 Version - 1,295
  - Wondrous World of Water - Ion Exchange PFAS Treatment - 820
  - \*Wondrous World of Water - Ozone Treatment - 445
  - Wondrous World of Water - Surface Water Treatment - 419
  - \*Wondrous World of Water - Groundwater Recharge - 50

\*these two videos had organic traffic only.

### DIRECT MAIL

- Announcements sent in April were for the board meeting reminders. The bi-monthly newsletter will return in May.



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

**AGENDA DATE:** May 15, 2024

**SUBJECT:** Legislative Update

**SUMMARY:**

Zone 7 staff, with the support of Agency consultants, monitors legislation that is being considered in Sacramento, as well as other political and regulatory activities of interest. This item supports Strategic Plan, Goal F – Stakeholder Engagement, engage our stakeholders to foster understanding of their needs, the Agency, and its function. California’s Assembly, Senate, and Committees began the second year of their two-year legislative cycle that is slated to end September 30, 2024 – with the Governor’s signature or veto. The attached is the legislative executive summary of bills of potential interest prepared by The Gualco Group, Inc., with supplemental information on other organization’s positions provided by Zone 7 staff.

Included in the attached summary are bill positions taken by other organizations, if known, like the Association of California Water Agencies (ACWA), California Special Districts Association (CSDA), California Municipal Utilities Association (CMUA) and the State Water Contractors (SWC). Some other organizations use a priority ranking number after their position where a rank of “3” is the lowest priority and a “1” is the highest priority in the position category. For brevity, “O/A” indicates oppose unless amended and “W/A” indicates watch and amend. Additionally, if staff or our consultant have provided educational information on specific bills to outside organizations or legislator’s offices, this will be noted in the summary.

**FUNDING:**

N/A

**RECOMMENDED ACTION:**

Information only.

**ATTACHMENT:**

Legislative Executive Summary – for May 2024



**EXECUTIVE SUMMARY**  
State Legislation



Prepared for the Zone 7 Water Agency  
by The Gualco Group, Inc.

Bill	Topic	Synopsis	Staff Recommended Position/Others	Status of the Bill/Comments as of 05/03/2024
<b>BROWN ACT LEGISLATION</b>				
<a href="#"><u>AB 817</u></a> <a href="#"><u>(Pacheco)</u></a>	<b>Open meetings: teleconferencing: subsidiary body</b>	This bill, until January 1, 2026, would authorize a subsidiary body, as defined, to use similar alternative teleconferencing provisions and would impose requirements for notice, agenda, and public participation, as prescribed. In order to use teleconferencing pursuant to this act, the bill would require the legislative body that established the subsidiary body by charter, ordinance, resolution, or other formal action to make specified findings by majority vote, before the subsidiary body uses teleconferencing for the first time and every 12 months thereafter.	Watch  Others: ACWA = Favor CMUA = Support CSDA = Support3	Senate Committee on Local Government

[AB 2302](#)  
[\(Addis\)](#)

**Open meetings: local agencies: teleconferences**

Current law imposes prescribed restrictions on remote participation by a member under alternative teleconferencing provisions, including establishing limits on the number of meetings a member may participate in solely by teleconference from a remote location, prohibiting such participation for a period of more than 3 consecutive months or 20% of the regular meetings for the local agency within a calendar year, or more than 2 meetings if the legislative body regularly meets fewer than 10 times per calendar year. This bill would revise those limits, instead prohibiting such participation for more than a specified number of meetings per year, based on how frequently the legislative body regularly meets.

Watch  
Others:  
ACWA = Favor  
CMUA = Favor  
CSDA = Support3

Set for hearing  
05/06/2024  
Assembly Floor

[SB 537](#)  
[\(Becker\)](#)

**Open meetings: multijurisdictional, cross-county agencies: teleconferences**

The bill would authorize the legislative body of a multijurisdictional, cross-county agency, as specified, to use alternate teleconferencing provisions if the eligible legislative body has adopted an authorizing resolution, as specified. The bill would also require the legislative body to provide a record of attendance of the members of the legislative body, the number of community members in attendance in the teleconference meeting, and the number of public comments on its internet website within 10 days after a teleconference meeting, as specified. The bill would require at least a quorum of members of the legislative body to participate from one or more physical locations that are open to the public and within the boundaries of the territory over which the local agency exercises jurisdiction.

Watch  
Others:  
CSDA = Watch

Assembly Floor –  
Inactive File

**GENERAL**

[AB 1211](#)  
[\(Mathis\)](#)

**Safe Drinking Water State Revolving Fund: internet website information: updates**

Current law requires the State Water Resources Control Board, at least once every 2 years, to post information on its internet website regarding implementation of the Safe Drinking Water State Revolving Fund Law and expenditures from the Safe Drinking Water State Revolving Fund, as specified This bill would require the board to post the information at least annually.

Watch  
Others:  
CMUA = Watch  
SWC = Watch2

Senate  
Committee on  
Environmental  
Quality

**AB 1820**  
**(Schiavo)**

**Housing  
development  
projects: fees and  
exactions**

Current law requires a housing development project be subject only to the ordinances, policies, and standards adopted and in effect when the preliminary application was submitted. This bill would authorize a development proponent that submits a preliminary application for a housing development project to request a preliminary fee and exaction estimate, as defined, and would require the local agency to provide the estimate within 10 business days of the submission of the preliminary application.

Watch  
  
Others:  
ACWA = Watch  
CMUA = O/A  
CSDA = Oppose3  
SWC = Watch2

Assembly  
Committee on  
Appropriations

**AB 1828**  
**(Waldron)**

**Personal income  
taxes: voluntary  
contributions:  
Endangered and Rare  
Fish, Wildlife, and  
Plant Species  
Conservation and  
Enhancement  
Account: Native  
California Wildlife  
Rehabilitation  
Voluntary Tax  
Contribution Fund:  
covered grants**

Current law, until January 1, 2025, allows an individual taxpayer to contribute amounts in excess of the taxpayer's personal income tax liability for the support of specified funds and accounts, including, among others, to the Endangered and Rare Fish, Wildlife, and Plant Species Conservation and Enhancement Account, a continuously appropriated account established in the Fish and Game Preservation Fund, or until December 1 of a calendar year that the Franchise Tax Board determines the amount of contributions estimated to be received will not at least equal the minimum contribution amount of \$250,000. This bill would extend the operability of the taxpayer contribution described above until the sooner of January 1, 2032, or until December 1 of a calendar year that the Franchise Tax Board determines the amount of contributions estimated to be received will not at least equal the minimum contribution amount of \$250,000.

Watch  
  
Others:  
None

Senate  
Committee on  
Revenue &  
Taxation

**AB 1957**  
**(Wilson)**

**Public contracts:  
best value  
construction  
contracting for  
counties**

Current law also authorizes certain counties (including Alameda) to use a best value construction contracting method to award individual annual contracts, not to exceed \$3,000,000, for repair, remodeling, or other repetitive work to be done according to unit prices, as specified. Current law establishes procedures and criteria for the selection of a best value contractor and requires that bidders verify specified information under oath. Current law requires the board of supervisors of a participating county to submit a report that contains specified information about the projects awarded using the best value procedures described above to the appropriate policy committees of the Legislature and the Joint Legislative Budget Committee before March 1, 2024. Current law repeals the pilot program provisions on January 1, 2025. This bill would instead authorize any county of the state to utilize this program and would extend the operation of those provisions until January 1, 2030.

Watch  
Others:  
CSDA = Watch

Set for hearing  
05/06/2024  
Assembly Floor –  
Consent  
Calendar

**AB 2285**  
**(Rendon)**

**Natural resources:  
equitable outdoor  
access: 30x30 goal:  
urban nature-based  
projects**

This bill would provide that, to advance and promote environmental, conservation, and public access policies and budget actions, the Governor's office, state agencies, and the Legislature, when distributing resources, shall aspire to recognize the coequal goals and benefits of the 30x30 goal and Outdoors for All, and, to the extent practical, maximize investment in urban communities consistent with those initiatives. The bill would encourage decisionmakers, when distributing resources to achieve the goals and benefits of the 30x30 goal and Outdoors for All, to consider factors that are unique to urban settings, including, among other things, higher land value acquisition and development costs per acre, the acute health needs of a local population due to historic lack of greenspace access and development externalities, local park needs assessment plans, and the availability of mobility options near a proposed land conservation site.

Watch  
Others:  
SWC = Watch1

Assembly  
Committee on  
Appropriations

[AB 2320](#)  
[\(Irwin\)](#)

**Wildlife Connectivity  
and Climate  
Adaptation Act of  
2024: wildlife  
corridors**

This bill, the Wildlife Connectivity and Climate Adaptation Act of 2024, would require the Natural Resources Agency, as part of an annual report, to identify key wildlife corridors, as defined, in the state, connections between large blocks of natural areas and habitats, progress on protecting additional acres of wildlife corridors, and goals for wildlife corridor protection in the next 5 years, as provided.

Watch

Others:  
SWC = Watch2

Assembly  
Committee on  
Appropriations

[AB 2409](#)  
[\(Papan\)](#)

**Office of Planning  
and Research:  
permitting  
accountability  
transparency  
dashboard**

Would require the Office of Planning and Research, on or before January 1, 2026, to create and maintain, as specified, a permitting accountability transparency internet website (dashboard). The bill would require the dashboard to include a display for each permit to be issued by specified state agencies for all covered projects. The bill would define various terms for these purposes. The bill would also require the dashboard to include, but not be limited to, information for each permit to be issued by a state agency that is required for the completion of the project, including, among other requirements, the permit application submission date. The bill would require each state agency with a responsibility for issuing a permit for a covered project to provide information in the appropriate time and manner as determined by the office.

Watch

Others:  
ACWA = Favor  
CMUA = Sponsor  
CSDA = Support3  
SWC = Watch1

Assembly  
Committee on  
Appropriations

[AB 2561](#)  
[\(McKinnor\)](#)

**Local public  
employees: vacant  
positions**

Would require each public agency with bargaining unit vacancy rates exceeding 10% for more than 90 days within the past 180 days to meet and confer with a representative of the recognized employee organization to produce, publish, and implement a plan consisting of specified components to fill all vacant positions within the subsequent 180 days. The bill would require the public agency to present this plan during a public hearing to the governing legislative body and to publish the plan on its internet website for public review for at least one year.

Watch

Others:  
CMUA = Oppose  
CSDA = Oppose2

Assembly  
Committee on  
Appropriations

[SB 903](#)  
[\(Skinner\)](#)

**Environmental health: product safety: perfluoroalkyl and polyfluoroalkyl substances**

Would, beginning January 1, 2032, prohibit a person from distributing, selling, or offering for sale a product that contains intentionally added PFAS, as defined, unless the Department of Toxic Substances Control has made a determination that the use of PFAS in the product is a currently unavoidable use, the prohibition is preempted by federal law, or the product is previously used. The bill would specify the criteria and procedures for determining whether the use of perfluoroalkyl and polyfluoroalkyl substances ("PFAS") in a product is a currently unavoidable use, for renewing that determination, and for revoking that determination.

Watch  
Others:  
ACWA = Favor  
CMUA = Support  
CSDA = Watch

Senate  
Committee on  
Appropriations

[SB 1072](#)  
[\(Padilla\)](#)

**Local government: Proposition 218: remedies**

Would require a local agency, if a court determines that a fee or charge for a property-related service, as specified, violates the above-described provisions of the California Constitution relating to fees and charges, to credit the amount of the fee or charge attributable to the violation against the amount of the revenues required to provide the property-related service, unless a refund is explicitly provided for by statute.

Watch  
Others:  
ACWA = Favor  
CMUA = Support  
CSDA = Support3  
SWC = Watch2

Set for hearing  
05/06/2024  
Senate Floor

## NATURAL RESOURCES BOND

[AB 305](#)  
[\(Villapudua\)](#)

**California Flood Protection Bond Act of 2024**

General Obligation Bond - \$4,500,000,000

Watch

Senate  
Committee on  
Natural  
Resources and  
Water

[AB 1567](#)  
[\(Garcia\)](#)

**Safe Drinking Water, Wildfire Prevention, Drought Preparation, Flood Protection, Extreme Heat Mitigation, and Workforce Development Bond Act of 2024**

General Obligation Bond - \$15,995,000,000

Watch

Senate  
Committee on  
Natural  
Resources and  
Water

<a href="#"><u>SB 638</u></a> <a href="#"><u>(Eggman)</u></a>	<b>Climate Resiliency and Flood Protection Bond Act of 2024</b>	General Obligation Bond - \$6,000,000,000	Watch	Assembly Committee on Water, Parks, & Wildlife
<a href="#"><u>SB 867</u></a> <a href="#"><u>(Allen)</u></a>	<b>Drought, Flood, and Water Resilience, Wildfire and Forest Resilience, Coastal Resilience, Extreme Heat Mitigation, Biodiversity and Nature-Based Climate Solutions, Climate Smart Agriculture, Park Creation and Outdoor Access, and Clean Energy Bond Act of 2024</b>	General Obligation Bond – \$15,500,000,000	Watch	Assembly Committee on Natural Resources

**UTILITY MANAGEMENT**

<a href="#"><u>SB 937</u></a> <a href="#"><u>(Wiener)</u></a>	<b>Development projects: permits and other entitlements: fees and charges</b>	This bill would extend by 24 months the period for the expiration, effectuation, or utilization of a housing entitlement, entitlement for a priority residential development project, as those terms are defined, that was issued before January 1, 2024, and that will expire before December 31, 2025, except as specified. The bill would toll this 24-month extension during any time that the housing entitlement is the subject of a legal challenge. The bill would include findings that changes proposed by this bill address a matter of statewide concern rather than a municipal affair and, therefore, apply to all cities, including charter cities.	Watch  Others: ACWA = Watch CMUA = O/A CSDA = O/A2 SWC = Watch2	Set for hearing 05/06/2024 Senate Floor
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**SB 1210**  
**(Skinner)**

**New housing construction: electrical, gas, sewer, and water service: service connection information**

This bill would, for new housing construction, require the above-described utilities, on or before January 1, 2026, to publicly post on their internet websites (1) the schedule of fees for a service connection, capacity, or other point of connection charge for each housing development type, including, but not limited to, accessory dwelling unit, mixed-use, multifamily, and single-family developments, except as specified, and (2) the estimated timeframes for completing typical service connections needed for each housing development type, as specified. The bill would exempt from its provisions an independent special district that does not maintain an internet website due to a hardship, as provided.

Watch and Educate  
Others:  
ACWA = Oppose  
CMUA = Oppose  
CSDA = Oppose2

Senate  
Committee on  
Appropriations

**WATER RIGHTS**

**AB 460**  
**(Bauer-Kahan)**

**State Water Resources Control Board: water rights and usage: interim relief: procedures**

Authorizes the State Water Resources Control Board in conducting specified investigations or proceedings to inspect the property or facilities of a person or entity, as specified. The bill would authorize the board, if consent is denied for an inspection, to obtain an inspection warrant, as specified, or in the event of an emergency affecting public health and safety, to conduct an inspection without consent or a warrant.

Watch  
Others:  
ACWA = Oppose  
CMUA = Oppose  
CSDA = Watch  
SWC = Oppose1

Senate  
Committee on  
Natural  
Resources and  
Water

**AB 1272**  
**(Wood)**

**State Water Resources Control Board: drought planning**

Would require the State Water Resources Control Board, in consultation with the Department of Fish and Wildlife, to adopt principles and guidelines for diversion and use of water in coastal watersheds, as specified, during times of water shortage for drought preparedness and climate resiliency. The bill would require that the principles and guidelines allow for the development of locally generated watershed-level plans to support public trust uses, public health and safety, and the human right to water in times of water shortage, among other things.

Watch  
Others:  
CMUA = Watch  
CSDA = Watch  
SWC = Watch1

Held at Senate  
Desk

[AB 1563](#)  
[\(Bennett\)](#)

**Groundwater sustainability agency: groundwater extraction permit: verification**

Current law authorizes a groundwater sustainability agency to request of the county, and requires a county to consider, that the county forward permit requests for the construction of new groundwater wells, the enlarging of existing groundwater wells, and the reactivation of abandoned groundwater wells to the agency before permit approval. This bill would instead require a county to forward permit requests for the construction of new groundwater wells, the enlarging of existing groundwater wells, and the reactivation of abandoned groundwater wells to the groundwater sustainability agency before permit approval.

Watch  
Others:  
ACWA = Oppose  
CMUA = Watch  
CSDA = Watch  
SWC = Watch1

Senate  
Committee on  
Governance and  
Finance

## WATER SUPPLY

[AB 1573](#)  
[\(Friedman\)](#)

**Water conservation: landscape design: model ordinance**

Requires updated model ordinance to include provisions that require that plants included in a landscape design plan be selected based on their adaptability to climatic, geological, and topographical conditions of the project site, as specified. The bill would also exempt landscaping that is part of a culturally specific project, as defined, ecological restoration projects that do not require a permanent irrigation system, mined-land reclamation projects that do not require a permanent irrigation system, and existing plant collections, as part of botanical gardens and arboretums open to the public, from the model ordinance.

Not Favor  
Others:  
ACWA = Watch  
CMUA = Neutral  
CSDA = Neutral  
SWC = Watch2

Senate Floor

[AB 1827](#)  
[\(Papan\)](#)

**Local government: fees and charges: water: higher-consumptive water parcels**

This bill would provide that the fees or charges for property-related water service imposed or increased, as specified, may include the incrementally higher costs of water service due to specified factors, including the higher water usage demand of parcels. The bill would provide that the incrementally higher costs of water service associated with higher water usage demands, the maximum potential water use, or projected peak water usage may be allocated using any method that reasonably assesses the water service provider's cost of serving those parcels that are increasing potential water usage demand, maximum potential water use, or projected peak water usage.

Watch  
Others:  
ACWA = Support  
CMUA = Support  
CSDA = Support3  
SWC = Watch2

Set for hearing  
05/06/2024  
Senate Floor

[AB 2257](#)  
[\(Wilson\)](#)

**Local government:  
property-related  
water and sewer fees  
and assessments:  
remedies**

This bill would prohibit, if a local agency complies with specified procedures, a person or entity from bringing a judicial action or proceeding alleging noncompliance with the constitutional provisions for any new, increased, or extended fee or assessment, as defined, unless that person or entity has timely submitted to the local agency a written objection to that fee or assessment that specifies the grounds for alleging noncompliance, as specified. This bill would provide that local agency responses to the timely submitted written objections shall go to the weight of the evidence supporting the agency's compliance with the substantive limitations on fees and assessments imposed by the constitutional provisions.

Watch

Others:

ACWA = Sponsor  
CMUA = Support  
CSDA = Support3  
SWC = Watch2

Set for hearing  
05/06/2024  
Assembly Floor

[SB 366](#)  
[\(Caballero\)](#)

**The California Water  
Plan: long-term  
supply targets**

Would revise and recast certain provisions regarding The California Water Plan to, among other things, require the department to instead establish a stakeholder advisory committee and to expand the membership of the committee to include tribes, labor, and environmental justice interests. The bill would require the department to coordinate with the California Water Commission, the State Water Resources Control Board, other state and federal agencies as appropriate, and the stakeholder advisory committee to develop a comprehensive plan for addressing the state's water needs and meeting specified long-term water supply targets established by the bill for purposes of The California Water Plan. The bill would require the plan to provide recommendations and strategies to ensure enough water supply for all designated beneficial uses.

Watch

Others:

ACWA = Support  
CMUA = Sponsor  
CSDA = Support3  
SWC = Support1

Assembly  
Committee on  
Water, Parks,  
and Wildlife

[SB 1110](#)  
[\(Ashby\)](#)

**Urban retail water  
suppliers:  
informational order:  
conservation order**

Current law authorizes the State Water Resources Control Board, on and after January 1, 2024, to issue informational orders pertaining to water production, water use, and water conservation to an urban retail water supplier that does not meet its urban water use objective, as provided. This bill would instead authorize the board to issue the informational orders on and after January 1, 2026.

Watch

Others:

ACWA = Favor  
CMUA = Support  
CSDA = Watch  
SWC = Watch2

Set for hearing  
05/13/2024  
Senate  
Committee on  
Appropriations

[SB 1255](#)  
[\(Durazo\)](#)

**Public water systems: needs analysis**

This bill would require the State Water Resources Control Board to update a needs analysis of the state's public water systems to include an assessment, as specified, of the funds necessary to provide a 20% discount for low-income households served by community water systems with fewer than 3,000 service connections and for community water systems with fewer than 3,000 service connections to meet a specified affordability threshold on or before July 1, 2026, and on or before July 1 of every 3 years thereafter.

Watch

Others:

ACWA = W/A  
CMUA = Watch  
CSDA = Watch  
SWC = Watch1

Senate  
Committee on  
Appropriations

**SGMA**

[AB 828](#)  
[\(Connolly\)](#)

**Sustainable groundwater management: managed wetlands**

The Sustainable Groundwater Management Act requires all groundwater basins designated as high- or medium-priority basins by the Department of Water Resources to be managed under a groundwater sustainability plan or coordinated groundwater sustainability plans, except as specified. Current law defines various terms for purposes of the act. This bill would add various defined terms for purposes of the act, including the terms "managed wetland" and "small community water system."

Watch

Others:

ACWA = Oppose  
CMUA = Not Favor  
CSDA = Watch  
SWC = Watch2

Senate  
Committee on  
Natural  
Resources and  
Water

[AB 2079](#)  
[\(Bennett\)](#)

**Groundwater extraction: large-diameter, high-capacity wells: permits**

This bill would require a local enforcement agency, as defined, to perform specified activities at least 30 days before determining whether to approve a permit for a new large-diameter, high-capacity well, as defined. The bill would require, if the proposed large-diameter, high-capacity well is to be located in an area subject to management by a groundwater sustainability agency, the applicable groundwater sustainability agency, upon notice of a permit application, to provide specified information to the local enforcement agency, including, but not limited to, the name of the applicable groundwater sustainability agency, the agency manager and contact information, and the applicable sustainable management criteria related to groundwater levels, including the groundwater level measurable objectives and minimum thresholds.

Watch

Others:

ACWA = O/A  
CSDA = Watch  
SWC = Watch1

Set for hearing  
05/08/2024  
Assembly  
Committee on  
Appropriations

**SB 1156**  
**(Hurtado)**

**Groundwater  
sustainability  
agencies: financial  
disclosures**

This bill would require members of the executive team, board of directors, and other groundwater management decision makers of groundwater sustainability agencies to file statements of economic interests. The bill would require that these statements be filed with the Fair Political Practices Commission, and would require the commission to establish guidelines and procedures for the submission and review of the statements.

Watch

Others:

ACWA = W/A

CSDA = Watch

SWC = Watch1

Senate  
Committee on  
Appropriations

**ORIGINATING SECTION:** Integrated Planning  
**CONTACT:** Sal Segura/Ken Minn

**AGENDA DATE:** May 15, 2024

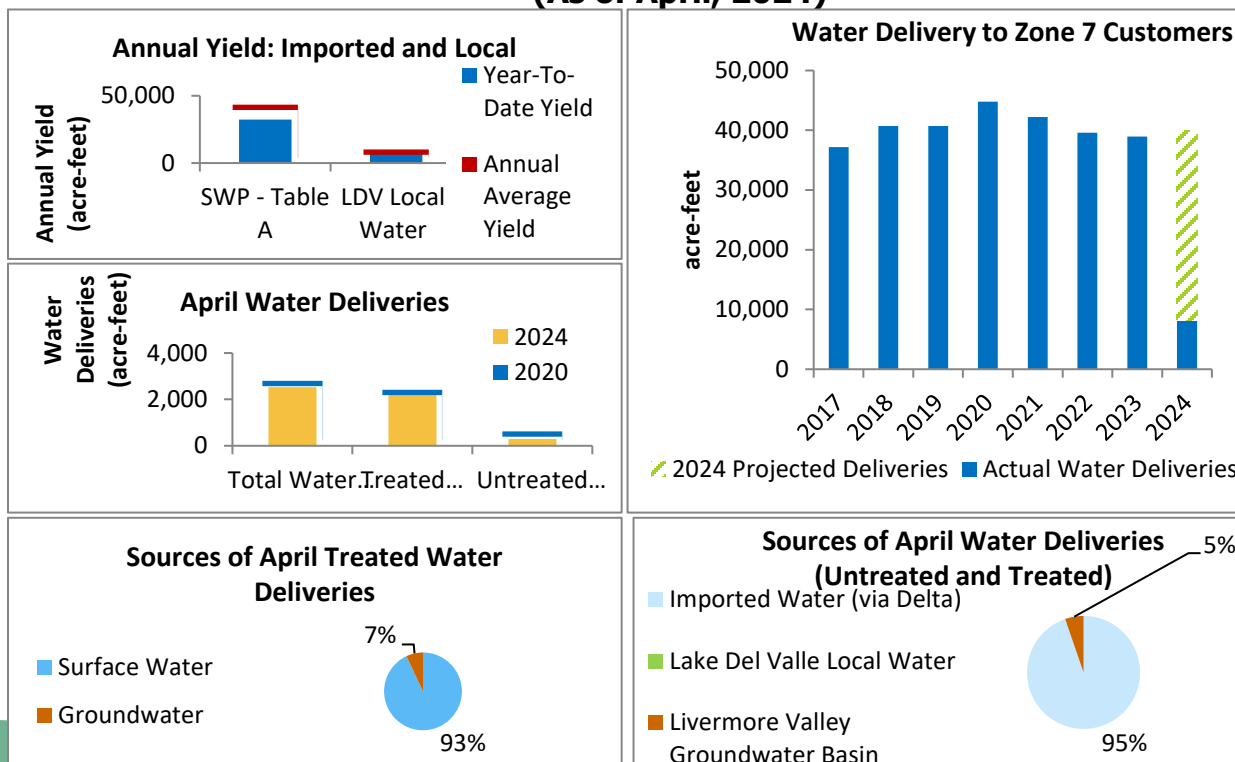
**SUBJECT:** Monthly Water Inventory and Water Budget Update

**SUMMARY:**

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

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

**Summaries of 2024 Water Supplies, Deliveries, and Available Water  
(As of April, 2024)**



LDV: Lake Del Valle

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

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

- Monthly totals: 2,530 acre-feet (AF) delivered to customers (2,230 AF treated production and 300 AF untreated deliveries) and 500 AF to recharge.
- Total treated water production increased by 16% compared to last month.
- Treated water sources were 93% surface water and 7% groundwater this month.
  - Treatment plant production was 22.5 million gallons per day (MGD).
  - Wellfield production was 1.7 MGD.

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

- In April 2024, Zone 7's overall water demands were 15% less compared to the same time in 2020: treated water production was 13% less, and estimated untreated deliveries were 23% less than April 2020.

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

	Treated Production	Untreated Delivery	Total
<b>April 2024 (AF)</b>	2,230	300	2,530
<b>April 2020 (AF)</b>	2,570	390	2,960
<b>April 2024 vs April 2020</b>	13% less	23% less	15% less

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

- On April 23, 2024, DWR increased the State Water Project allocation from 30% to 40%. This is the third revision of the year and up from the initial allocation of 10%. DWR also noted that the ability to move water supply south through the system continues to be impacted by the presence of threatened and endangered fish species in the Delta, and it may revise the allocation if hydrologic conditions change.

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

Sources of Water Supplies	Acre-Feet (AF)
Table A (Based on 40% allocation)	32,250
Water Transfers/ Exchanges	0
SWP Carryover + Backed Up Water (Preliminary Estimate)	17,980
Lake Del Valle (Carryover + 2024 Yield)	13,260
Livermore Valley Groundwater Basin (Above Minimum Thresholds AF)	124,100
Kern Storage and Recovery Programs	95,600
<b>Total</b>	<b>283,190</b>

---

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

- The Livermore Valley Groundwater Basin comprises four subbasins. The Basin's estimated maximum storage capacity is 254,000 AF including the storage capacity below the Minimum Thresholds established in the Alternative Groundwater Sustainability Plan. The estimated storage capacity above the Minimum Thresholds (operational storage) is 126,000 AF. Currently, the Basin is at approximately 99% of its storage capacity above minimum thresholds (124,100AF out of 126,000 AF).
- It is important to note that not all of the storage above the Minimum Thresholds (MT's) is accessible with Zone 7's existing wells as 80% of Zone 7's groundwater facilities are in the Amador West subbasin. Furthermore, the presence of Per- and polyfluoroalkyl substances (PFAS) compounds in the groundwater basin limits the use of some wells.
- In April, the total pumping from Zone 7 wellfield was 160 AF, making up 7% of the treated supply.
- Estimated groundwater basin overflow on the west side of the Basin is 0 AF in April.
- In April, Zone 7 recharged approximately 500 AF through releases into Arroyo Mocho.

---

**Local Surface Water***(See Table 3 and Figure 6)*

- Zone 7's (preliminary) water storage in Lake Del Valle at the end of April is approximately 13,260 AF.
  - Zone 7 captured approximately 1,000 AF in Lake Del Valle in April.

---

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

- Surface runoff exceeded the 10 cubic feet per second (CFS) baseflow at the Arroyo de la Laguna at the Verona stream gauge for the entire month of April, resulting in a stream outflow of 2,510 AF.

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

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

- 1.36 inches of precipitation were recorded at Livermore Airport in April.
- Thus far in Water Year 2024, Livermore has received 14.32 inches of rain, or 105% of the average for the Water Year to Date.

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

- 2.0 inches of precipitation were recorded in the Northern Sierras in April. The historical average precipitation in April is 4.3 inches.
- Cumulative precipitation in the Northern Sierra for Water Year 2024 is 45.0 inches or 92% of the seasonal average to date.



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

- Snowpack in the Northern Sierras is 111% of the average for April 30 at 24.2 inches of snow water equivalent.

---

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

- Lake Oroville was at 98% of total capacity (126% of average) as of April 30.
  - Storage: 3,460,888 AF
  - Storage as a percentage of total capacity increased by 10% over the month of April.

---

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

- San Luis Reservoir is a joint-use facility between the State Water Project and the Central Valley Project. Its total storage capacity is 2,027,835 AF, and the SWP's share of that capacity is 1,062,180 AF. As of April 30, the total reservoir storage is 1,429,79 AF, of which approximately 539,000 AF belongs to SWP. Currently, the SWP's share of the reservoir capacity is 51% full.

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

### Table 3: Quarterly Water Inventory

Water Inventory for Zone 7 Water Agency

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

	2023 <i>Jan-Dec</i>	2024 - Q1 <i>Jan-Mar</i>	2024 - Q2 <i>Apr-Jun</i>	2024 - YTD <i>Jan-Dec</i>
<b>Source</b>				
<b>Incoming Supplies</b>				
State Water Project (SWP) - Table A	55,530	0	0	0
State Water Project - Article 21	2,360	0	0	0
Lake Del Valle Local Water	4,310	1,000	0	1,000
Water Transfers/Exchanges <sup>1</sup>	0	0	0	0
<b>Subtotal</b>	<b>62,200</b>	<b>1,000</b>	<b>0</b>	<b>1,000</b>
<b>From Storage</b>				
State Water Project - Carryover	1,630	4,250	2,870	7,120
Livermore Valley Groundwater Basin	1,670	840	160	1,000
Kern Storage and Recovery Programs	0	0	0	0
<b>Subtotal</b>	<b>3,300</b>	<b>5,090</b>	<b>3,030</b>	<b>8,120</b>
<b>Total Supply</b>	<b>65,500</b>	<b>6,090</b>	<b>3,030</b>	<b>9,120</b>
<b>Water Use</b>				
<b>Customer Deliveries</b>				
Treated Water Demand <sup>2</sup>	34,030	5,480	2,230	7,710
Untreated Water Demand	4,870	110	300	410
<b>Subtotal</b>	<b>38,900</b>	<b>5,590</b>	<b>2,530</b>	<b>8,120</b>
<b>To Storage</b>				
Livermore Valley Groundwater Basin Recharge	8,600	500	500	1,000
Kern Storage and Recovery Programs	10,000	0	0	0
<b>Subtotal</b>	<b>18,600</b>	<b>500</b>	<b>500</b>	<b>1,000</b>
<b>SWP Transfer</b>				
Westside 5 (Kern) <sup>1</sup>	8,000			
<b>Total Water Use</b>	<b>65,500</b>	<b>6,090</b>	<b>3,030</b>	<b>9,120</b>
<b>Available Water Supplies</b>				
<b>Incoming Supplies</b>	<b>End-of-2023</b>			
SWP - Table A (%)	100%	30%	40%	40%
SWP - Table A Remaining	0	24,190	32,250	32,250
Water Transfers/Exchanges	0	0	0	0
<b>Subtotal</b>	<b>0</b>	<b>24,190</b>	<b>32,250</b>	<b>32,250</b>
<b>Storage Balance</b>	<b>End-of-2023</b>			
SWP Carryover + Backed Up Water <sup>3</sup>	25,100	20,850	17,980	17,980
Lake Del Valle Local Water	5,000	12,260	13,260	13,260
Livermore Valley Groundwater Basin <sup>4</sup>	118,600	122,700	124,100	124,100
Kern Storage and Recovery Programs	95,600	95,600	95,600	95,600
<b>Subtotal</b>	<b>244,300</b>	<b>251,410</b>	<b>250,940</b>	<b>250,940</b>
<b>Total Available Water</b>	<b>244,300</b>	<b>275,600</b>	<b>283,190</b>	<b>283,190</b>
<b>Watershed Conditions</b>	<b>End-of-2023</b>			
Precipitation at Livermore Station (in)	19.2	9.77	1.36	11.13
Lake Del Valle Local Water Net Yield	7,010	8,260	1,000	9,260
Measured Change in Groundwater Basin Storage	27,900	4,100	1,400	5,500
Surface Water Outflow <sup>5</sup>	166,810	33,890	2,510	36,400

<sup>1</sup> In 2023, Zone 7 executed a transfer agreement with the Westside Districts

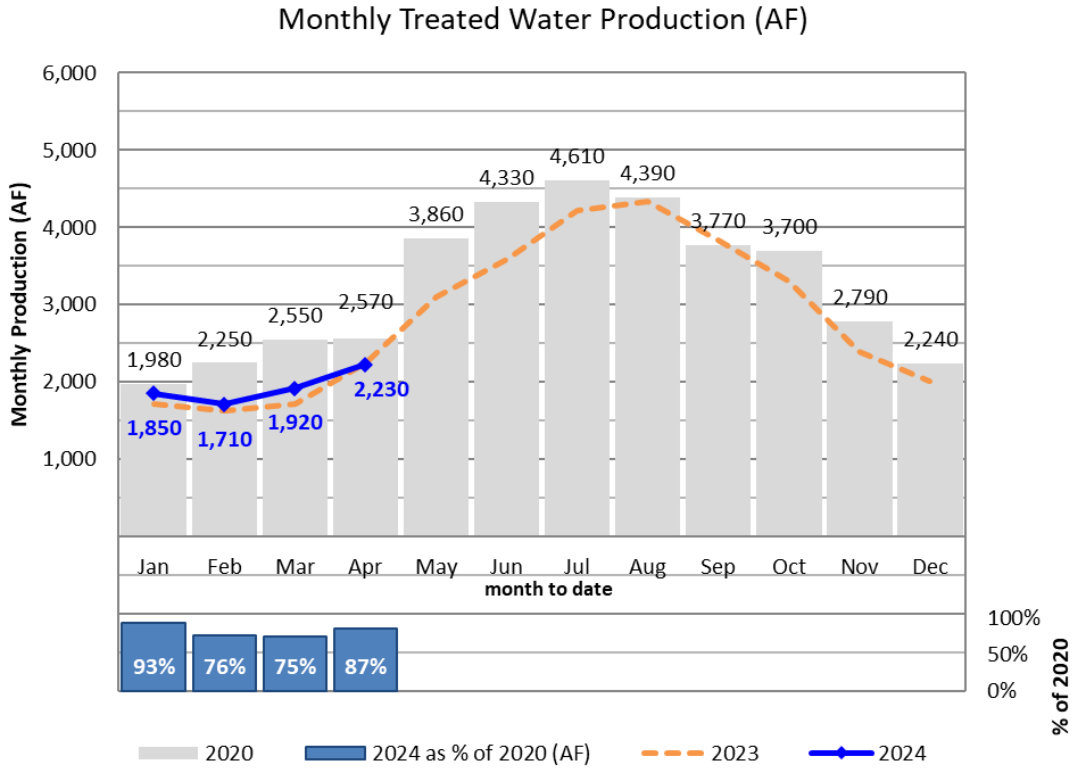
<sup>2</sup> Includes a small amount of unaccounted-for water.

<sup>3</sup> Backed Up Water is recovered water from Kern Storage and Recovery Programs that is moved to San Luis Reservoir for storage.

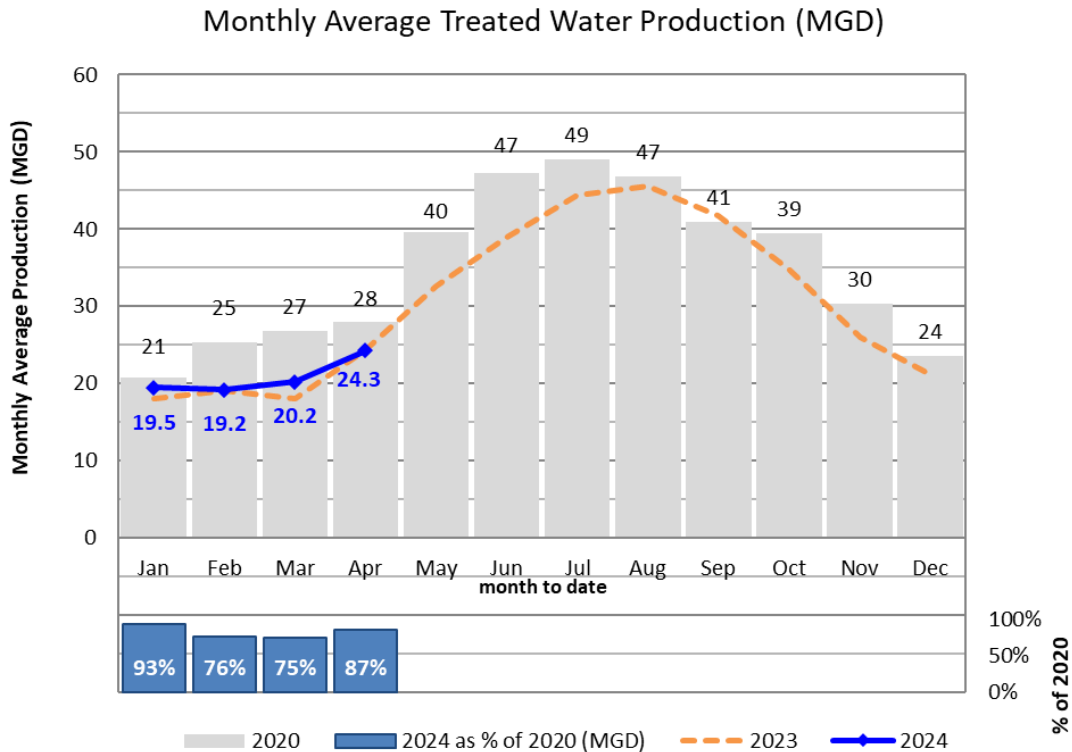
<sup>4</sup> Storage volume is based on most recent groundwater level data; amount shown excludes 128,000 AF of emergency storage.

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

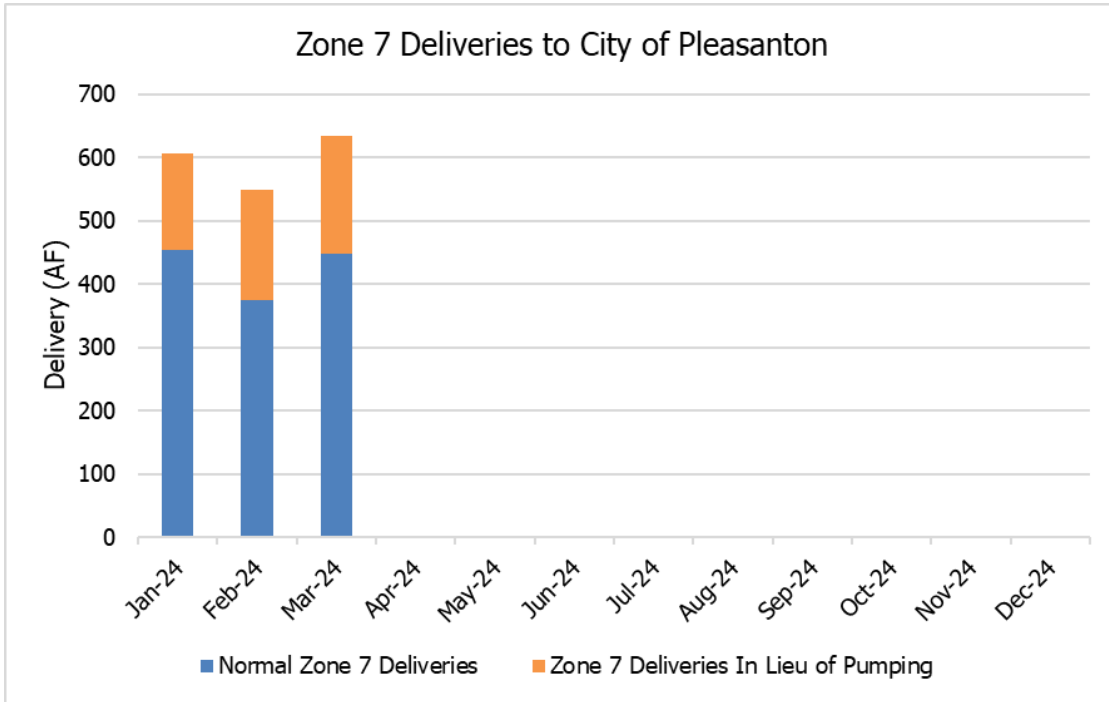
**Figure 1: Monthly Treated Water Production in Acre-Feet (AF)**



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

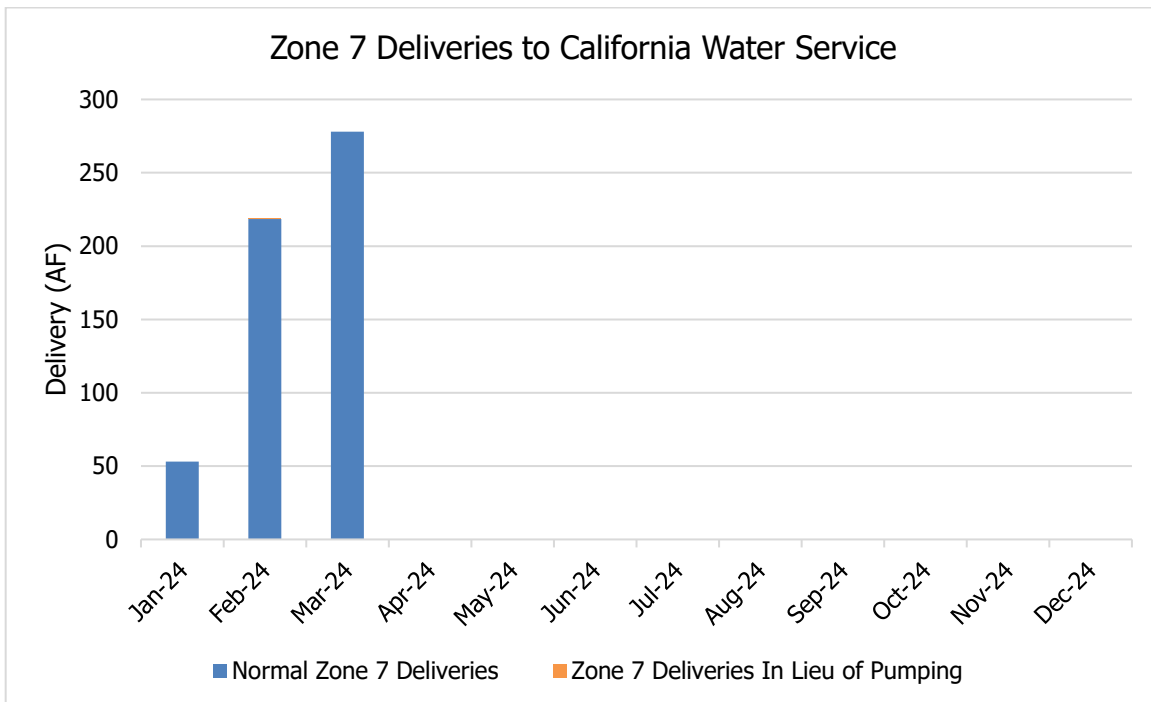


**Figure 2: Pleasanton Estimated In-Lieu Demand  
(Based on 2018-2021 Pumping)**



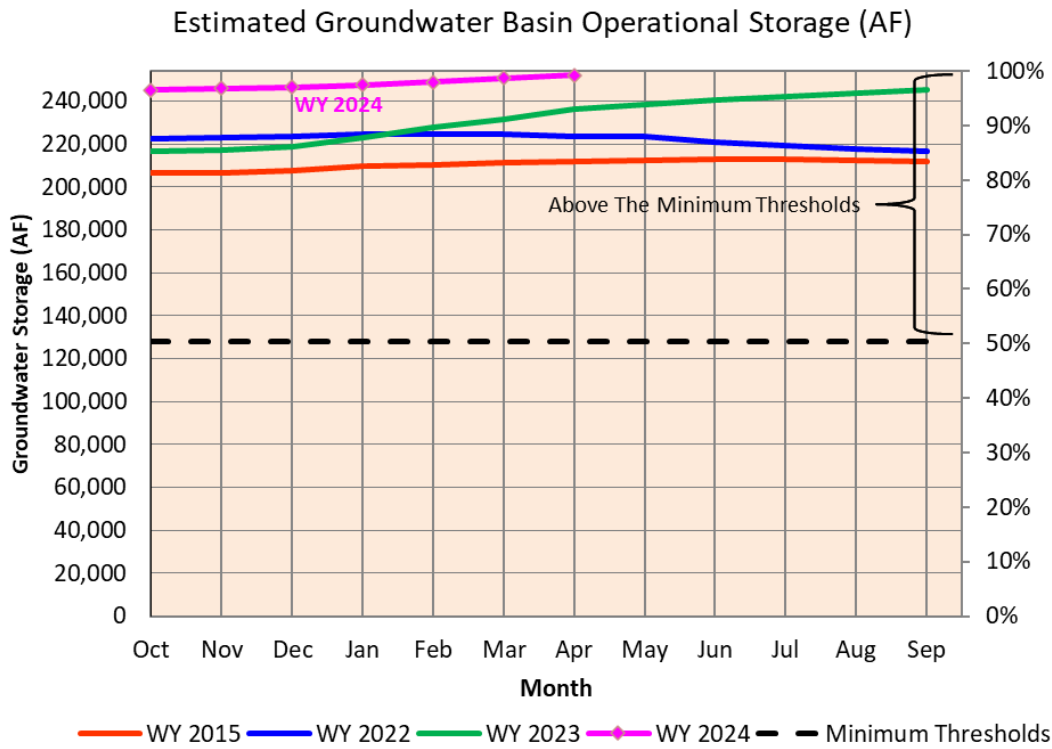
\*Pleasanton’s pumping data for April is not yet available and will be reflected in future inventories.

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



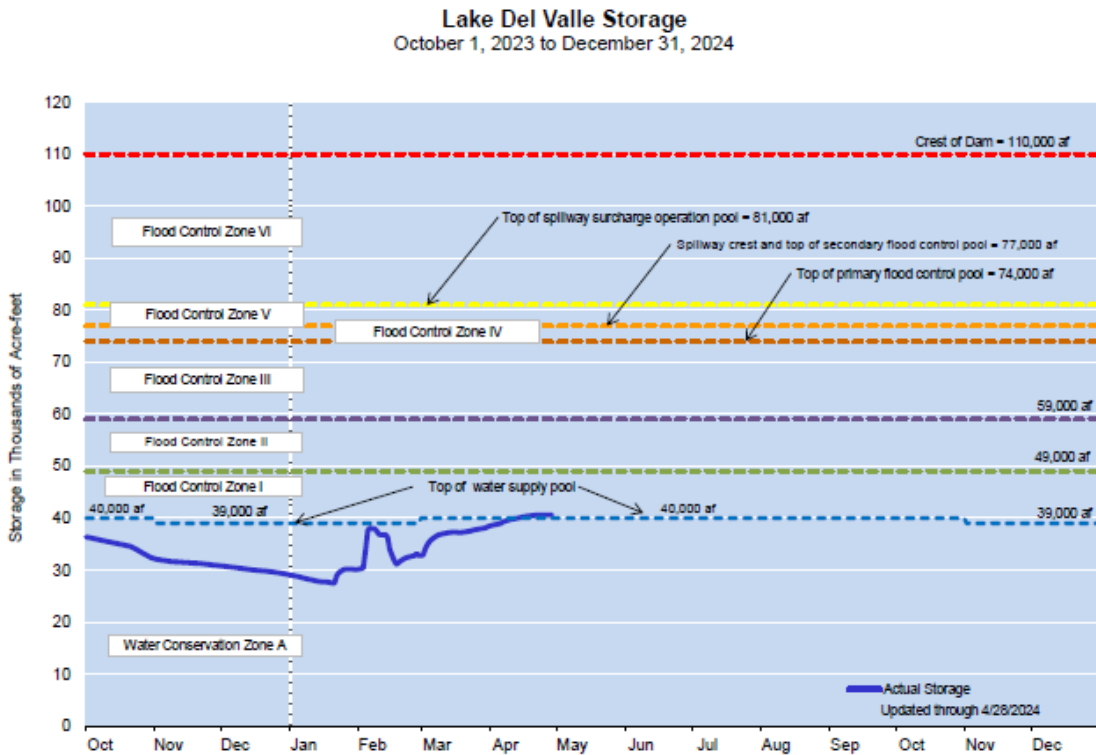
\*Cal Water’s pumping data for April is not yet available and will be reflected in future inventories.

**Figure 4: Livermore Valley Groundwater Basin Storage\***



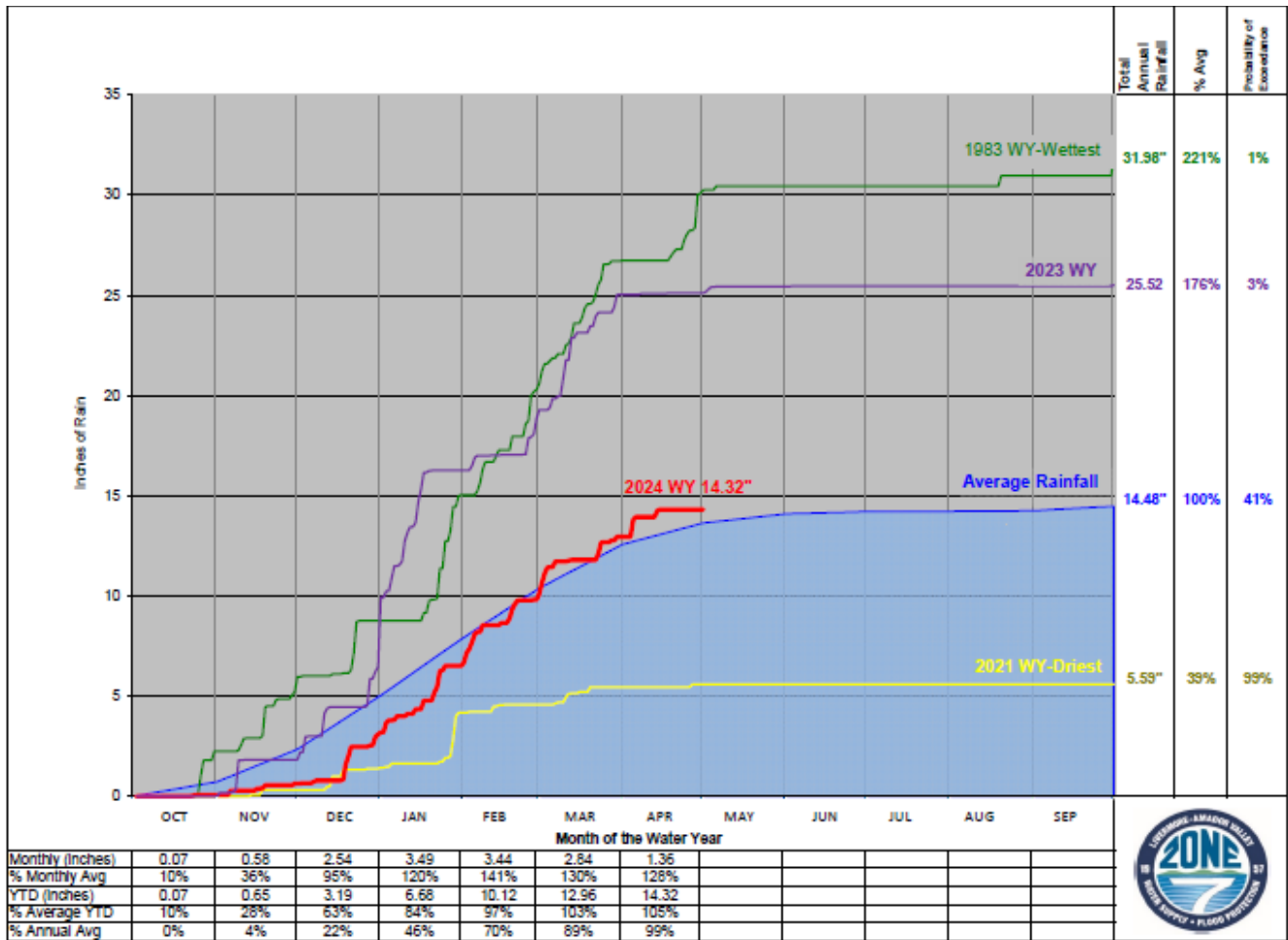
\*The estimated groundwater basin storage represents the combined total storage from all four subbasins.

**Figure 5: Lake Del Valle Storage**

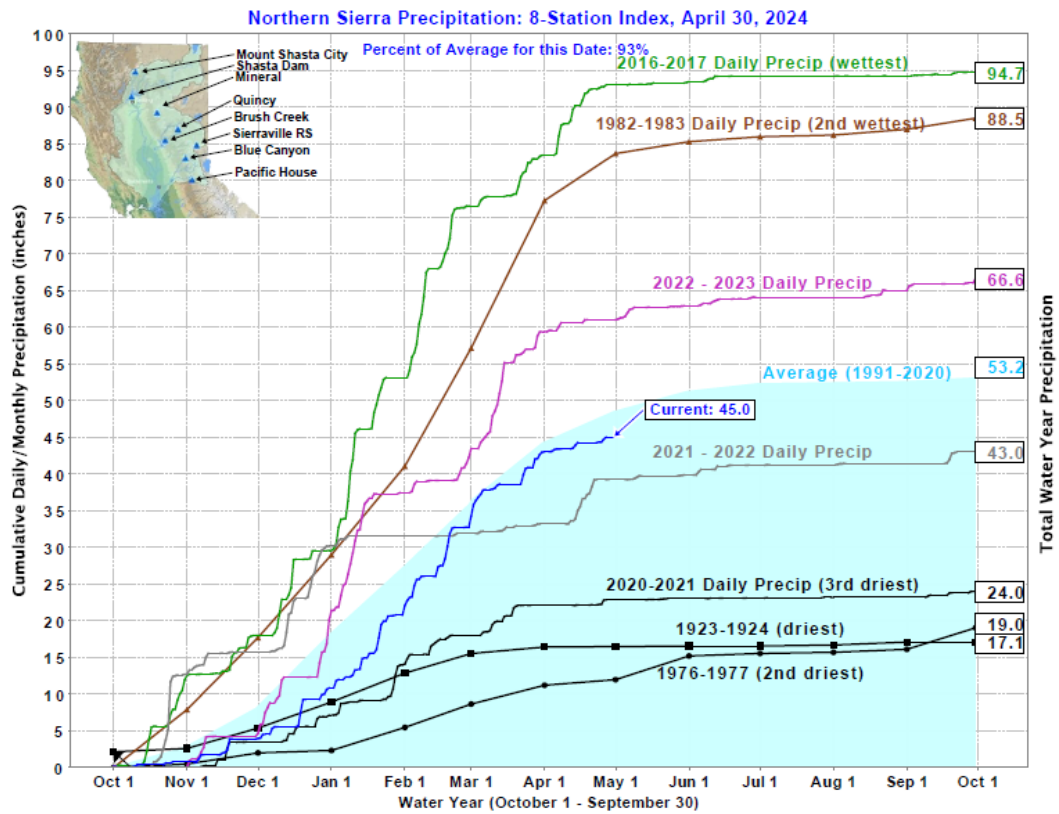


(Source : <https://water.ca.gov/-/media/DWR-Website/> )

### Figure 6: Local Precipitation



**Figure 7: Cumulative Precipitation in the North Sierra**



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

**Figure 8: Sierra Snowpack**

% of April 1 Average / % of Normal for This Date



NORTH	
Data as of April 30, 2024	
Number of Stations Reporting	25
Average snow water equivalent (Inches)	24.2
Percent of April 1 Average (%)	83
Percent of normal for this date (%)	111

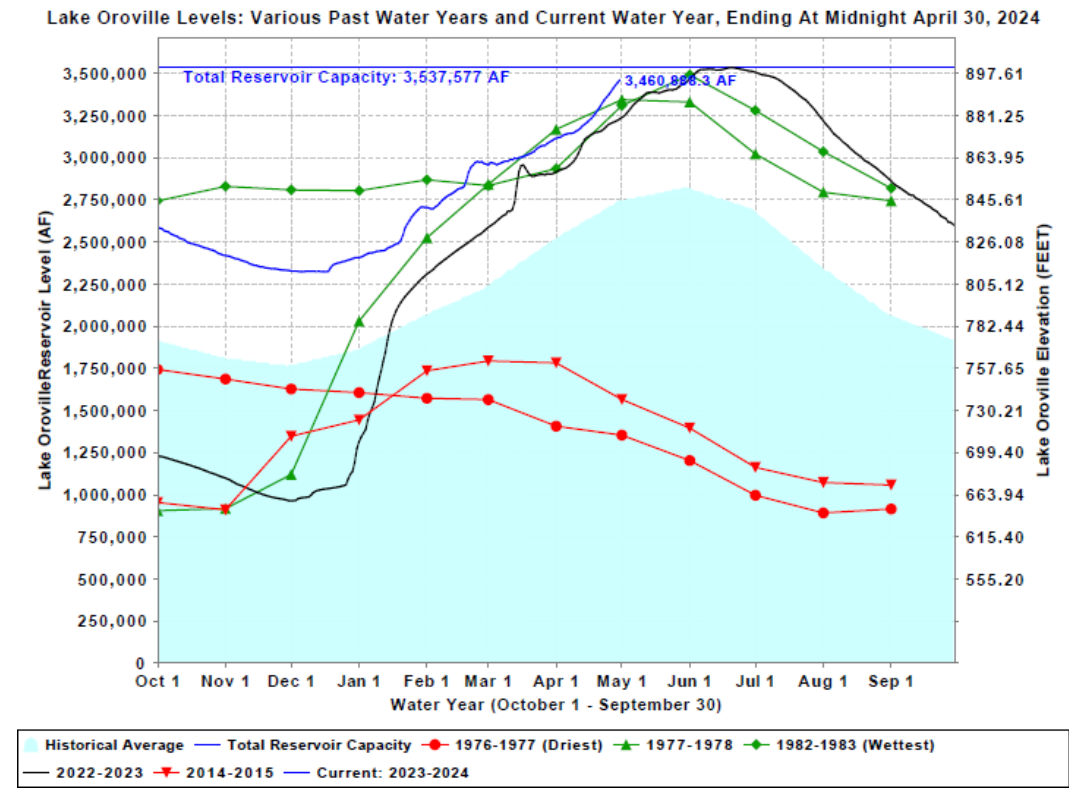
CENTRAL	
Data as of April 30, 2024	
Number of Stations Reporting	43
Average snow water equivalent (Inches)	21.0
Percent of April 1 Average (%)	73
Percent of normal for this date (%)	92

SOUTH	
Data as of April 30, 2024	
Number of Stations Reporting	26
Average snow water equivalent (Inches)	15.4
Percent of April 1 Average (%)	69
Percent of normal for this date (%)	92

STATE	
Data as of April 30, 2024	
Number of Stations Reporting	94
Average snow water equivalent (Inches)	20.3
Percent of April 1 Average (%)	75
Percent of normal for this date (%)	97

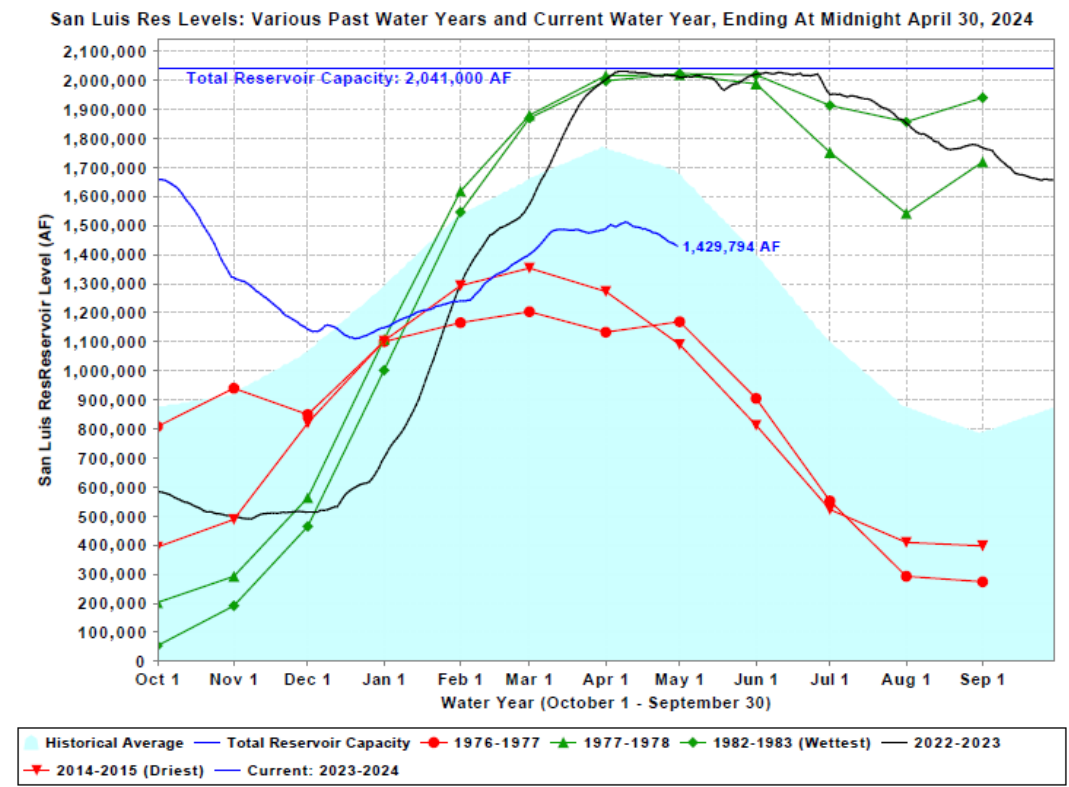
(Source : <https://cdec.water.ca.gov/reportapp/javareports?name=swccond.pdf>)

**Figure 10: Lake Oroville Storage**



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

**Figure 11: San Luis Reservoir Storage**



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





**ORIGINATING SECTION:** Engineering  
**CONTACT:** Edward Reyes/Mona Olmsted

**AGENDA DATE:** May 15, 2024

**SUBJECT:** Capital Projects Status Report

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

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

## Engineering Projects Status Report – May 15, 2024

### Water Supply System Projects:

Project Name/Purpose	Scope/Funding Source	Project Cost and Budget	Target Dates / Operating Impact	Current Status								
<p><b>Asset Management Program (AMP) and Ten-Year Capital Improvement Plan (CIP) Update</b></p> <p><b>Purpose/Benefits:</b></p> <ul style="list-style-type: none"> <li>The AMP identifies and documents near- and long-term renewal, replacement, and system-wide improvement project needs and funding strategies.</li> <li>The CIP identifies the capital projects and programs needed to carry out the Agency’s goals and policies and describes the water system projects, costs, schedules, and priorities.</li> </ul>	<p><b>Scope:</b></p> <ul style="list-style-type: none"> <li>Prepare the AMP Update and Ten-Year CIP documents, including: perform a condition assessment of above-ground assets and a risk analysis of below-ground assets to prepare a prioritized list of capital projects; evaluate current annual funding levels; recommend AMP annual funding; evaluate the impact to Zone 7’s rates; develop a CIP framework that aligns with Zone 7’s vision and mission as outlined in the Strategic Plan; and, develop or update project descriptions, justifications, cost estimates, project schedules, and funding sources for each project in the Ten-Year CIP.</li> </ul> <p><b>Funding Sources:</b> This project is funded by a combination of water rates and new connection fees:</p> <ul style="list-style-type: none"> <li>\$902k, Fund 120</li> <li>\$250k, Fund 130</li> </ul>	<p><b>Original Total Cost Estimate:</b> \$660,000</p> <p><b>Current Total Estimated Project Cost:</b> \$1,152,000</p> <p><b>Total Budget:</b> \$1,152,000 (\$660,000 budgeted, \$492,000 proposed budget in FY 2024-25)</p> <p><b>Total Expenditures:</b> \$23,000</p> <table border="1" data-bbox="942 867 1358 1027"> <thead> <tr> <th colspan="2" style="text-align: center;">Planning Costs</th> </tr> </thead> <tbody> <tr> <td>Budget</td> <td style="text-align: right;">\$1,152,000</td> </tr> <tr> <td>% Spent</td> <td style="text-align: right;">2%</td> </tr> <tr> <td>% Complete</td> <td style="text-align: right;">2%</td> </tr> </tbody> </table>	Planning Costs		Budget	\$1,152,000	% Spent	2%	% Complete	2%	<p><b>Planning:</b> November 2023</p> <p><b>Completion:</b> February 2025</p> <p><b>Projected Operating Impact:</b> Increased operational effectiveness, reliability, safety, and cost-effectiveness.</p>	<p>The project team has begun staff interviews in preparation for the field condition assessments of above-ground assets scheduled in May. The adoption of the Ten-Year CIP has been extended to January 2025 to align the CIP with the Strategic Plan that Zone 7 is updating.</p>
Planning Costs												
Budget	\$1,152,000											
% Spent	2%											
% Complete	2%											

Project Name/Purpose	Scope/Funding Source	Project Cost and Budget	Target Dates / Operating Impact	Current Status																
<p><b>Chain of Lakes (COL) PFAS Treatment Facility Project</b></p> <p><b>Purpose/Benefits:</b></p> <ul style="list-style-type: none"> <li>• Add PFAS treatment to the COL wells (COL 1, 2, and 5) at the COL 1 site.</li> <li>• Sampling indicates that the COL Wellfield is at or above the State Division of Drinking Water Response Level for PFHxS and exceeds the adopted Environmental Protection Agency Maximum Contaminant Levels issued in April 2024. PFAS treatment is needed to bring the COL wells back into service.</li> </ul>	<p><b>Scope:</b></p> <ul style="list-style-type: none"> <li>• Addition of six trains of pressure vessels containing ion exchange resin for the removal of PFAS.</li> <li>• Piping, instrumentation, electrical, concrete, underground pile foundation system, and other site improvements.</li> </ul> <p><b>Funding Source:</b></p> <ul style="list-style-type: none"> <li>• 100% of design cost is funded from Fund 120 – Renewal/Replacement and System-Wide Improvements</li> <li>• Construction cost (approximately \$22M) is financed through bonds</li> </ul>	<p><b>Original Total Cost Estimate (2021):</b> \$25,800,000</p> <p><b>Current Total Estimated Project Cost:</b> \$24,400,000</p> <p><b>Total Budget:</b> \$24,400,000</p> <p><b>Total Expenditures:</b> \$4,964,100</p> <table border="1" data-bbox="852 646 1276 844"> <thead> <tr> <th colspan="2">Planning &amp; Design Phase Costs</th> </tr> </thead> <tbody> <tr> <td>Budget</td> <td>\$2,300,000</td> </tr> <tr> <td>% Spent</td> <td>78%</td> </tr> <tr> <td>% Complete</td> <td>100%</td> </tr> </tbody> </table> <table border="1" data-bbox="852 922 1276 1156"> <thead> <tr> <th colspan="2">Construction Phase Costs</th> </tr> </thead> <tbody> <tr> <td>Budget</td> <td>\$22,100,000 (bond funded)</td> </tr> <tr> <td>% Spent</td> <td>15%</td> </tr> <tr> <td>% Complete</td> <td>15%</td> </tr> </tbody> </table>	Planning & Design Phase Costs		Budget	\$2,300,000	% Spent	78%	% Complete	100%	Construction Phase Costs		Budget	\$22,100,000 (bond funded)	% Spent	15%	% Complete	15%	<p><b>Design:</b> December 2022</p> <p><b>Construction:</b> November 2024</p> <p><b>Closeout:</b> December 2024</p> <p><b>Projected Operating Impact:</b> Improved water quality, improved reliability, and increased operational flexibility. Increased operating costs, with an annual average cost of approximately \$300,000.</p>	<p>The contractor continues with construction of the vessel system concrete pad, which is tentatively scheduled to be poured in late May. The vessel system is scheduled to arrive for assembly in June and is anticipated to be complete in late July. The contractor continues to install underground utilities, including electrical duct banks and storm drainage piping. Upcoming work includes underground system piping and modifications, and installation of electrical gear and instrumentation.</p> <p>The contractor is indicating project completion in fall 2024 due to procurement of long lead items. The project team has requested a recovery schedule from the contractor and will continue to assist them with finding efficiencies in the schedule that can be implemented to improve the completion date.</p>
Planning & Design Phase Costs																				
Budget	\$2,300,000																			
% Spent	78%																			
% Complete	100%																			
Construction Phase Costs																				
Budget	\$22,100,000 (bond funded)																			
% Spent	15%																			
% Complete	15%																			

Project Name/Purpose	Scope/Funding Source	Project Cost and Budget	Target Dates / Operating Impact	Current Status								
<p><b>DVWTP Booster Pump Station Variable Frequency Drives (VFDs) and Underdrain Pump Station Replacement Project</b></p> <p><b>Purpose/Benefits:</b></p> <ul style="list-style-type: none"> <li>Planned improvements to the existing booster pump station VFDs and underdrain pump station will increase plant reliability and help avoid untimely and expensive repairs.</li> </ul>	<p><b>Scope:</b></p> <ul style="list-style-type: none"> <li>The booster pump station VFDs and the underdrain pump station are at the end of their useful lives and in need of replacement.</li> <li>Project includes: replacing the two existing booster pump VFDs with new VFDs; replacing four existing underdrain pumps with two vertical turbine pumps; and upgrading the local control panel, power and control wiring, and other mechanical improvements.</li> </ul> <p><b>Funding Source:</b></p> <ul style="list-style-type: none"> <li>100% Fund 120 – Renewal/Replacement and System-Wide Improvements</li> </ul>	<p><b>Original Total Cost Estimate:</b> \$1,250,000</p> <p><b>Current Total Estimated Project Cost:</b> \$1,250,000</p> <p><b>Total Budget:</b> \$1,250,000</p> <p><b>Total Expenditures:</b> \$18,200</p> <table border="1" data-bbox="852 597 1272 800"> <thead> <tr> <th colspan="2">Planning &amp; Design Phase Costs</th> </tr> </thead> <tbody> <tr> <td>Budget</td> <td>\$140,000</td> </tr> <tr> <td>% Spent</td> <td>13%</td> </tr> <tr> <td>% Complete</td> <td>13%</td> </tr> </tbody> </table>	Planning & Design Phase Costs		Budget	\$140,000	% Spent	13%	% Complete	13%	<p><b>Design:</b> June 2024</p> <p><b>Construction:</b> September 2024</p> <p><b>Closeout:</b> February 2026</p> <p><b>Projected Operating Impact:</b> Improved operational flexibility and reliability of the treatment plant, reducing untimely future repair costs.</p>	<p>Zone 7 reviewed the 60% plans and specifications in April 2024. Design completion and project bidding is anticipated for June 2024 and July 2024, respectively.</p>
Planning & Design Phase Costs												
Budget	\$140,000											
% Spent	13%											
% Complete	13%											

Project Name/Purpose	Scope/Funding Source	Project Cost and Budget	Target Dates / Operating Impact	Current Status																
<p><b>DVWTP Roadway/Parking Lot Repairs and Post-Ozone Project</b></p> <p><b>Purpose/Benefits:</b></p> <ul style="list-style-type: none"> <li>Planned repairs/modifications to the existing roadway/parking lot and to plant systems will maintain water system reliability and help avoid untimely and expensive repairs.</li> </ul>	<p><b>Scope:</b></p> <ul style="list-style-type: none"> <li>Rehabilitation of roadway and parking lot</li> <li>Installation of a retaining wall, widening of the fill alleyway for chemical delivery trucks, and repair of the main parking lot</li> <li>Modification to the overflow weir, sodium hypochlorite system, filter backwash pumps, and chemical tanks</li> </ul> <p><b>Funding Source:</b></p> <ul style="list-style-type: none"> <li>100% Fund 120 – Renewal/Replacement and System-Wide Improvements</li> </ul>	<p><b>Original Total Cost Estimate:</b> \$2,750,000</p> <p><b>Current Total Estimated Project Cost:</b> \$2,750,000</p> <p><b>Total Budget:</b> \$2,750,000</p> <p><b>Total Expenditures:</b> \$2,160,000</p> <table border="1" data-bbox="852 597 1251 797"> <thead> <tr> <th colspan="2">Planning &amp; Design Phase Costs</th> </tr> </thead> <tbody> <tr> <td>Budget</td> <td>\$190,000</td> </tr> <tr> <td>% Spent</td> <td>100%</td> </tr> <tr> <td>% Complete</td> <td>100%</td> </tr> </tbody> </table> <table border="1" data-bbox="852 834 1251 1032"> <thead> <tr> <th colspan="2">Construction Phase Costs</th> </tr> </thead> <tbody> <tr> <td>Budget</td> <td>\$2,560,000</td> </tr> <tr> <td>% Spent</td> <td>77%</td> </tr> <tr> <td>% Complete</td> <td>99%</td> </tr> </tbody> </table>	Planning & Design Phase Costs		Budget	\$190,000	% Spent	100%	% Complete	100%	Construction Phase Costs		Budget	\$2,560,000	% Spent	77%	% Complete	99%	<p><b>Design:</b> May 2021</p> <p><b>Construction:</b> May 2024</p> <p><b>Closeout:</b> June 2024</p> <p><b>Projected Operating Impact:</b> Improved operational flexibility and reliability of the treatment plant, reduced untimely future repair costs, and improved worker safety.</p>	<p>Additional scope was requested to repair the plant access road and inspect two additional sodium hypochlorite tanks in order to evaluate their remaining useful life and determine whether repairs are needed to extend their life. The access road work is complete, and the tank inspections are scheduled for May 2024. The contract will be closed once this work is completed.</p>
Planning & Design Phase Costs																				
Budget	\$190,000																			
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Project Name/Purpose	Scope/Funding Source	Project Cost and Budget	Target Dates / Operating Impact	Current Status																
<p><b>DVWTP Polymer Mixing System Replacement Project</b></p> <p><b>Purpose/Benefits:</b></p> <ul style="list-style-type: none"> <li>• Replace existing outdated polymer mixing and feed system subject to periodic failure with more reliable and automated system.</li> <li>• New location is more accessible for maintenance.</li> <li>• Reliable and modernized equipment is expected to reduce frequency of spills and cleanup of containment area.</li> </ul>	<p><b>Scope:</b></p> <ul style="list-style-type: none"> <li>• This mixing system is nearing the end of its useful life and in need of replacement.</li> <li>• Replacement includes a dry hopper system with automatic feed into the mixing tank, new chemical feed pumps, piping and appurtenances, and ventilation as well as other items needed to make a complete and functional system.</li> </ul> <p><b>Funding Source:</b></p> <ul style="list-style-type: none"> <li>• 100% Fund 120 – Renewal/Replacement and System-Wide Improvements</li> </ul>	<p><b>Original Total Cost Estimate (pre-2017):</b> \$550,000</p> <p><b>Current Total Estimated Project Cost:</b> \$855,000</p> <p><b>Total Budget:</b> \$855,000</p> <p><b>Total Expenditures:</b> \$785,000</p> <table border="1" data-bbox="852 636 1251 834"> <thead> <tr> <th colspan="2">Planning &amp; Design Phase Costs</th> </tr> </thead> <tbody> <tr> <td>Budget</td> <td>\$150,000</td> </tr> <tr> <td>% Spent</td> <td>100%</td> </tr> <tr> <td>% Complete</td> <td>100%</td> </tr> </tbody> </table> <table border="1" data-bbox="852 873 1251 1071"> <thead> <tr> <th colspan="2">Construction Phase Costs</th> </tr> </thead> <tbody> <tr> <td>Budget</td> <td>\$705,000</td> </tr> <tr> <td>% Spent</td> <td>90%</td> </tr> <tr> <td>% Complete</td> <td>99%</td> </tr> </tbody> </table>	Planning & Design Phase Costs		Budget	\$150,000	% Spent	100%	% Complete	100%	Construction Phase Costs		Budget	\$705,000	% Spent	90%	% Complete	99%	<p><b>Design:</b> March 2021</p> <p><b>Construction:</b> May 2024</p> <p><b>Closeout:</b> June 2024</p> <p><b>Projected Operating Impact:</b> Reduced O&amp;M cost due to easier maintenance, improved system reliability, reduced repair costs, and improved worker safety.</p>	<p>The polymer mixing system was placed in operation in June 2022. This project was combined with DVWTP Roadway/Parking Lot Repairs and Post-Ozone Project to increase economies of scale.</p> <p>Contract closeout items remain.</p>
Planning & Design Phase Costs																				
Budget	\$150,000																			
% Spent	100%																			
% Complete	100%																			
Construction Phase Costs																				
Budget	\$705,000																			
% Spent	90%																			
% Complete	99%																			

Project Name/Purpose	Scope/Funding Source	Project Cost and Budget	Target Dates / Operating Impact	Current Status																
<p><b>MGDP Concentrate Conditioning Project</b></p> <p><b>Purpose/Benefits:</b></p> <ul style="list-style-type: none"> <li>Installation of a continuous acid injection feed system for concentrate pH adjustment will help avoid scale build-up and reduce the frequency of future batch cleanings.</li> <li>Proactively adjust pH to meet brine discharge permit pH limits and improve plant reliability.</li> </ul>	<p><b>Scope:</b></p> <ul style="list-style-type: none"> <li>Project scope includes design, environmental review, and construction of an acid storage and feed system in an existing space in the adjacent Mocho 4 well building at the MGDP site. This existing space was formerly used for onsite generation of sodium hypochlorite, which is now fed from MGDP to Mocho 4 when that well is in production. Install new concentrate sump pumps and variable frequency drives.</li> </ul> <p><b>Funding Source:</b></p> <ul style="list-style-type: none"> <li>100% from Fund 120 – Renewal/Replacement and System-Wide Improvements</li> </ul>	<p><b>Original Total Cost Estimate:</b> \$2,200,000</p> <p><b>Current Total Estimated Project Cost:</b> \$7,840,000</p> <p><b>Total Budget:</b> \$8,320,000</p> <p><b>Total Expenditures:</b> \$6,890,000</p> <table border="1" data-bbox="852 597 1272 797"> <thead> <tr> <th colspan="2">Planning &amp; Design Phase Costs</th> </tr> </thead> <tbody> <tr> <td>Budget</td> <td>\$810,000</td> </tr> <tr> <td>% Spent</td> <td>100%</td> </tr> <tr> <td>% Complete</td> <td>100%</td> </tr> </tbody> </table> <table border="1" data-bbox="852 834 1272 1034"> <thead> <tr> <th colspan="2">Construction Phase Costs</th> </tr> </thead> <tbody> <tr> <td>Budget</td> <td>\$7,030,000</td> </tr> <tr> <td>% Spent</td> <td>87%</td> </tr> <tr> <td>% Complete</td> <td>87%</td> </tr> </tbody> </table> <p>Board approved increase to original estimate due to spatial constraints at the site and the need to demolish and reconstruct a former sodium hypochlorite storage area of the Mocho 4 well due to updated codes.</p>	Planning & Design Phase Costs		Budget	\$810,000	% Spent	100%	% Complete	100%	Construction Phase Costs		Budget	\$7,030,000	% Spent	87%	% Complete	87%	<p><b>Planning:</b> September 2020</p> <p><b>Design:</b> June 2022</p> <p><b>Construction:</b> June 2024</p> <p><b>Closeout:</b> August 2024</p> <p><b>Projected Operating Impact:</b> Increased operational reliability, increased operating cost, and reduced frequency of future batch cleaning costs for concentrate pipeline.</p>	<p>The new concentrate sump pumps and VFDs are in service, and the new chemical building installation is mostly complete. Installation of the new well house roof, chemical tank, and most of the electrical and instrumentation work is complete. The new fire system has been installed and has passed pressure tests on the piping. A preliminary system startup is scheduled, followed by final startup and staff training. Staff is working with Livermore Pleasanton Fire Department to schedule final walkthroughs. The permit amendment associated with the facility has been executed by Zone 7 and DSRSD.</p>
Planning & Design Phase Costs																				
Budget	\$810,000																			
% Spent	100%																			
% Complete	100%																			
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<b>Project Name/Purpose</b>	<b>Scope/Funding Source</b>	<b>Project Cost and Budget</b>	<b>Target Dates / Operating Impact</b>	<b>Current Status</b>								
<p><b>MGDP and Mocho Wellfield PFAS Compliance Conceptual Design</b></p> <p><b>Purpose/Benefits:</b></p> <ul style="list-style-type: none"> <li>Assess treatment options for PFAS for MGDP and the Mocho Wellfield in order to comply with the federal maximum contaminant levels.</li> <li>PFAS treatment is needed for this wellfield to use its full production capacity.</li> </ul>	<p><b>Scope:</b></p> <ul style="list-style-type: none"> <li>Test effectiveness of various media, evaluate number of vessels, life cycle costs, facility layout, and siting to inform final design, permitting, and construction.</li> <li>Evaluate interim modifications to Mocho wellfield facilities to increase production, if needed.</li> </ul> <p><b>Funding Source:</b></p> <ul style="list-style-type: none"> <li>100% from Fund 120 – Renewal/Replacement and System-Wide Improvements</li> </ul>	<p><b>Original Total Cost Estimate:</b> \$200,000</p> <p><b>Current Total Estimated Project Cost:</b> \$500,000</p> <p><b>Total Budget:</b> \$500,000 (\$200,000 budgeted, \$300,000 proposed budget for FY 2024-25)</p> <p><b>Total Expenditures:</b></p> <table border="1" data-bbox="852 789 1276 987"> <thead> <tr> <th colspan="2"><b>Conceptual Design Phase Costs</b></th> </tr> </thead> <tbody> <tr> <td>Budget</td> <td>\$500,000</td> </tr> <tr> <td>% Spent</td> <td>0%</td> </tr> <tr> <td>% Complete</td> <td>0%</td> </tr> </tbody> </table>	<b>Conceptual Design Phase Costs</b>		Budget	\$500,000	% Spent	0%	% Complete	0%	<p><b>Conceptual Design:</b> December 2024</p> <p><b>Projected Operating Impact:</b> Improved water quality, improved reliability, and increased operational flexibility. Increased operating costs will be determined as part of conceptual design.</p>	<p>At the April Board meeting, a contract for MGDP and Mocho Wellfield PFAS Compliance Conceptual Design was awarded to Carollo Engineers in an amount not-to-exceed \$320,000, which includes a 10% contingency. Notice to proceed will follow contract execution, anticipated in mid-May.</p>
<b>Conceptual Design Phase Costs</b>												
Budget	\$500,000											
% Spent	0%											
% Complete	0%											



Project Name/Purpose	Scope/Funding Source	Project Cost and Budget	Target Dates / Operating Impact	Current Status																
<p><b>PPWTP Upgrades and Ozonation Project</b></p> <p><b>Purpose/Benefits:</b></p> <ul style="list-style-type: none"> <li>• Add ozone treatment to improve treated water quality and production reliability.</li> <li>• Expand plant production capacity from 12 to 24 MGD to meet water demand and increase production reliability. Provide production redundancy in case of DVWTP shutdowns.</li> <li>• Increase treated water storage capacity from 2 MG to 7 MG to provide operational flexibility and meet daily peaking demands.</li> </ul>	<p><b>Scope:</b> This project combines two CIP projects, the PPWTP Upgrades Project and the PPWTP Ozonation Project, and consists of:</p> <ul style="list-style-type: none"> <li>• Construction of new facilities including an ozone generation building, contactor structures, six filters, chemical storage and feed facilities, a 5 MG treated water storage tank, a pump station, new plant entrance, and new emergency generator</li> <li>• Demolition of UF facilities and modification of existing clarifiers, wash water recovery ponds, and chemical facilities</li> </ul> <p><b>Funding Sources:</b> This project is funded by a combination of water rates, new connection fees, and bonds:</p> <ul style="list-style-type: none"> <li>• PPWTP Upgrades Project: \$65M split 30% Fund 120, 70% Fund 130</li> </ul>	<p><b>Original Total Cost Estimate (2017):</b> \$62,000,000</p> <p><b>Current Total Estimated Project Cost:</b> \$110,000,000</p> <p><b>Total Budget:</b> \$110,000,000</p> <p><b>Total Expenditures:</b> \$105,100,000</p> <table border="1" data-bbox="852 636 1274 834"> <thead> <tr> <th colspan="2">Planning &amp; Design Phase Costs</th> </tr> </thead> <tbody> <tr> <td>Budget</td> <td>\$6,000,000</td> </tr> <tr> <td>% Spent</td> <td>100%</td> </tr> <tr> <td>% Complete</td> <td>100%</td> </tr> </tbody> </table> <table border="1" data-bbox="852 873 1274 1071"> <thead> <tr> <th colspan="2">Construction Phase Costs</th> </tr> </thead> <tbody> <tr> <td>Budget</td> <td>\$104,000,000</td> </tr> <tr> <td>% Spent</td> <td>96%</td> </tr> <tr> <td>% Complete</td> <td>99%</td> </tr> </tbody> </table>	Planning & Design Phase Costs		Budget	\$6,000,000	% Spent	100%	% Complete	100%	Construction Phase Costs		Budget	\$104,000,000	% Spent	96%	% Complete	99%	<p><b>Design:</b> November 2018</p> <p><b>Construction:</b> Fall 2022</p> <p><b>Closeout:</b> June 2024</p> <p><b>Projected Operating Cost Impact:</b> Approximately \$1 million net increase in annual operating and maintenance costs to operate ozone system and pump station. Reduction in repair costs due to upgrade or replacement of aging facilities such as filters, UF plant, washwater recovery systems, and electrical and chemical systems.</p>	<p>Final Completion was established as November 17, 2023. A second partial release of retention, less withholds for remaining known deficiencies, has been issued. The contractor continues to complete punch list work and warranty work.</p> <p><b>Change Order Status:</b> Change orders totaling \$5.66M (7.4% of original contract amount) have been executed. The contractor submitted a request for mediation on disputed claims, which staff has provided to legal counsel.</p>
Planning & Design Phase Costs																				
Budget	\$6,000,000																			
% Spent	100%																			
% Complete	100%																			
Construction Phase Costs																				
Budget	\$104,000,000																			
% Spent	96%																			
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<b>Project Name/Purpose</b>	<b>Scope/Funding Source</b>	<b>Project Cost and Budget</b>	<b>Target Dates / Operating Impact</b>	<b>Current Status</b>
<ul style="list-style-type: none"> <li>Replace or upgrade many major plant components that are reaching the end of their useful lives to improve plant reliability and reduce untimely and expensive future repair costs.</li> </ul>	<ul style="list-style-type: none"> <li>PPWTP Ozonation Project: \$45M split 50% Fund 120, 50% Fund 130; \$19M of Fund 120's share of the PPWTP Ozonation Project's construction phase is bond financed.</li> </ul>			

<b>Project Name/Purpose</b>	<b>Scope/Funding Source</b>	<b>Project Cost and Budget</b>	<b>Target Dates / Operating Impact</b>	<b>Current Status</b>								
<p><b>Pipeline Inspection Program Study</b></p> <p><b>Purpose/Benefits:</b></p> <ul style="list-style-type: none"> <li>The study will develop a routine inspection program for the aging water supply transmission infrastructure.</li> <li>Routine inspections and assessments will help maintain a reliable water transmission system and avoid untimely and expensive repairs.</li> </ul>	<p><b>Scope:</b></p> <ul style="list-style-type: none"> <li>Zone 7 has, in the past, completed pipeline Vulnerability, Criticality and Risk Assessments to develop condition assessment and corrosion protection Programs. This Study will review and update the past studies and help develop a pipeline inspection program and recommend necessary improvements to implement the inspection program.</li> </ul> <p><b>Funding Source:</b></p> <ul style="list-style-type: none"> <li>100% from Fund 120 – Renewal/Replacement and System-Wide Improvements</li> </ul>	<p><b>Original Total Cost Estimate (2019):</b> \$250,000</p> <p><b>Current Total Estimated Project Cost:</b> \$250,000</p> <p><b>Total Budget:</b> \$250,000</p> <p><b>Total Expenditures:</b> \$130,000</p> <table border="1" data-bbox="852 597 1251 797"> <thead> <tr> <th colspan="2"><b>Planning &amp; Study Phase Costs</b></th> </tr> </thead> <tbody> <tr> <td>Budget</td> <td>\$250,000</td> </tr> <tr> <td>% Spent</td> <td>52%</td> </tr> <tr> <td>% Complete</td> <td>75%</td> </tr> </tbody> </table>	<b>Planning &amp; Study Phase Costs</b>		Budget	\$250,000	% Spent	52%	% Complete	75%	<p><b>Planning:</b> January 2020</p> <p><b>Study:</b> June 2024</p> <p><b>Projected Operating Impact:</b> The study may lead to increased proactive maintenance to minimize risk of emergency repairs.</p>	<p>Consultant has completed the draft study. Staff will review the locations and costs for the recommended ingress and egress ports for probe/ equipment insertion as part of the Asset Management Plan (AMP) Update. Staff plans to finalize the study and incorporate the results into the AMP Update.</p>
<b>Planning &amp; Study Phase Costs</b>												
Budget	\$250,000											
% Spent	52%											
% Complete	75%											

Project Name/Purpose	Scope/Funding Source	Project Cost and Budget	Target Dates / Operating Impact	Current Status								
<p><b>Stoneridge PFAS Treatment Facility Project</b></p> <p><b>Purpose/Benefits:</b></p> <ul style="list-style-type: none"> <li>Improve water quality by removing PFHxS to below detection level at Stoneridge Well, keeping the water quality in compliance with the DDW issued response level (RL).</li> <li>Allows Stoneridge Well to return to operation upon project completion, helping Zone 7 continue to meet its water demand obligations.</li> </ul>	<p><b>Scope:</b></p> <ul style="list-style-type: none"> <li>Install three trains (6 vessels) consisting of ion exchange media and two pretreatment cartridge filters.</li> <li>Work includes construction of the three trains of treatment pressure vessels, installation of a new rate control station on site, piping modifications to and from the well, chemical injection modifications, installation of a new electrical building, and new electrical and instrumentation for the PFAS facility.</li> </ul> <p><b>Funding Source:</b></p> <ul style="list-style-type: none"> <li>100% from Fund 120 – Renewal/Replacement and System-Wide Improvements</li> </ul>	<p><b>Original Total Cost Estimate:</b> \$16,300,000</p> <p><b>Current Total Estimated Project Cost:</b> \$16,300,000</p> <p><b>Total Budget:</b> \$16,300,000</p> <p><b>Total Expenditures:</b> \$11,323,000</p> <table border="1" data-bbox="850 714 1276 950"> <thead> <tr> <th colspan="2">Planning, Design &amp; Construction Phase Costs (Design-Build)</th> </tr> </thead> <tbody> <tr> <td>Budget</td> <td>\$16,300,000</td> </tr> <tr> <td>% Spent</td> <td>70%</td> </tr> <tr> <td>% Complete</td> <td>90%</td> </tr> </tbody> </table>	Planning, Design & Construction Phase Costs (Design-Build)		Budget	\$16,300,000	% Spent	70%	% Complete	90%	<p><b>Design:</b> April 2023</p> <p><b>Construction (Functional):</b> Summer 2023</p> <p><b>Construction (Final):</b> May 2024</p> <p><b>Closeout:</b> June 2024</p> <p><b>Projected Operating Impact:</b> Improved water quality, improved reliability, and increased operational flexibility. Increased operating cost, with an annual average of approximately \$200,000.</p>	<p>Functional completion was achieved in September 2023, and the facility is online and treating for PFAS removal.</p> <p>The contractor completed all remaining electrical equipment and wire installation, including installation of the variable frequency drive (VFD) for the new booster pump. The additional electrical loads for the facility were approved by PG&amp;E and added to the existing transformer. The project team is currently working on final startup and testing of the new electrical equipment, instrumentation, and booster pump. Full completion of the project is anticipated by early June 2024.</p>
Planning, Design & Construction Phase Costs (Design-Build)												
Budget	\$16,300,000											
% Spent	70%											
% Complete	90%											

Project Name/Purpose	Scope/Funding Source	Project Cost and Budget	Target Dates / Operating Impact	Current Status								
<p><b>Wells &amp; MGD Electrical Upgrades/ Replacement Project</b></p> <p><b>Purpose/Benefits:</b></p> <ul style="list-style-type: none"> <li>Replaces electrical equipment at several well sites that is at or approaching the end of its useful life.</li> <li>Ensures reliable water production from groundwater wells.</li> </ul>	<p><b>Scope:</b></p> <ul style="list-style-type: none"> <li>Replace seven variable frequency drives (VFDs) at the Mocho Groundwater Demineralization Plant (MGDP) facility; replace two VFDs at the Chain of Lakes (COL) Wells 1 and 2; and replace electrical switchgear and motor control center (MCC) at Mocho 2, Stoneridge, Hopyard 6 and Hopyard 9 wells.</li> </ul> <p><b>Funding Source:</b></p> <ul style="list-style-type: none"> <li>100% from Fund 120 – Renewal/Replacement and System-Wide Improvements</li> </ul>	<p><b>Original Total Cost Estimate:</b> \$7,340,000</p> <p><b>Current Total Estimated Project Cost:</b> \$7,340,000</p> <p><b>Total Budget:</b> \$7,340,000</p> <p><b>Total Expenditures:</b> \$1,913,700</p> <table border="1" data-bbox="852 638 1276 873"> <thead> <tr> <th colspan="2">Planning &amp; Design &amp; Construction Phase Costs (Design-Build)</th> </tr> </thead> <tbody> <tr> <td>Budget</td> <td>\$7,340,000</td> </tr> <tr> <td>% Spent</td> <td>26%</td> </tr> <tr> <td>% Complete</td> <td>30%</td> </tr> </tbody> </table>	Planning & Design & Construction Phase Costs (Design-Build)		Budget	\$7,340,000	% Spent	26%	% Complete	30%	<p><b>Design:</b> May 2023</p> <p><b>Construction:</b> February 2025</p> <p><b>Closeout:</b> March 2025</p> <p><b>Projected Operating Impact:</b> Improved water production reliability and increased operational flexibility.</p>	<p>Installation of the VFDs for the COL Wells 1 and 2 was completed, with a few field modifications remaining to be performed by the manufacturer. The contractor has received all seven VFDs for the MGD. Two of these VFDs have been installed and commissioned, with the remaining five VFDs scheduled for completion from late May through late June. Installation of the Hopyard 9 switchgear is tentatively scheduled for June, pending an approved shutoff request from PG&amp;E. The remaining well switchgear (Stoneridge, Hopyard 6, and Mocho 2) is tentatively scheduled for installation between June and August.</p>
Planning & Design & Construction Phase Costs (Design-Build)												
Budget	\$7,340,000											
% Spent	26%											
% Complete	30%											

## Engineering Projects Status Report – May 15, 2024

### Flood Protection System Projects:

Project Name/Purpose	Scope/Funding Source	Project Cost and Budget	Target Dates / Operating Impact	Current Status																
<p><b>Arroyo Mocho Medeiros Reach Floodplain Reconnection Project</b></p> <p><b>Purpose/Benefits:</b></p> <ul style="list-style-type: none"> <li>• Create flood attenuation along Arroyo Mocho</li> <li>• Trail and vegetation improvements</li> <li>• Design consistent with City of Livermore’s Oak Grove Nature Reserve (OGNR) Master Plan</li> </ul>	<p><b>Scope:</b></p> <ul style="list-style-type: none"> <li>• Lower the Arroyo Mocho bike path and berm to allow flood flows to enter OGNR.</li> <li>• Invasive species removal throughout Medeiros Reach.</li> <li>• Improvements to existing dirt trails/access roads/fire breaks in OGNR.</li> </ul> <p><b>Funding Source:</b> This project is funded by a combination of:</p> <ul style="list-style-type: none"> <li>• 43% Fund 200 – Flood Protection Operations</li> <li>• 57% Fund 210- Flood Protection and Stormwater Drainage DIF</li> <li>• Up to \$500K California Natural Resources Agency River Parkways Grant</li> </ul>	<p><b>Original Total Cost Estimate (2015):</b> \$6,640,000</p> <p><b>Current Total Estimated Project Cost:</b> \$2,260,000</p> <p><b>Total Budget:</b> \$2,260,000</p> <p><b>Total Expenditures:</b> \$2,200,860</p> <table border="1" data-bbox="884 792 1283 987"> <thead> <tr> <th colspan="2">Planning &amp; Design Phase Costs</th> </tr> </thead> <tbody> <tr> <td>Budget</td> <td>\$1,500,000</td> </tr> <tr> <td>% Spent</td> <td>99%</td> </tr> <tr> <td>% Complete</td> <td>100%</td> </tr> </tbody> </table> <table border="1" data-bbox="884 1027 1283 1222"> <thead> <tr> <th colspan="2">Construction Phase Costs</th> </tr> </thead> <tbody> <tr> <td>Budget</td> <td>\$760,000</td> </tr> <tr> <td>% Spent</td> <td>94%</td> </tr> <tr> <td>% Complete</td> <td>100%</td> </tr> </tbody> </table>	Planning & Design Phase Costs		Budget	\$1,500,000	% Spent	99%	% Complete	100%	Construction Phase Costs		Budget	\$760,000	% Spent	94%	% Complete	100%	<p><b>Planning:</b> November 2016</p> <p><b>Design and Permitting:</b> 2021/2022</p> <p><b>Construction:</b> Completed October 2022</p> <p><b>Mitigation:</b> Completed October 2023</p> <p><b>Closeout:</b> May 2024</p> <p><b>Projected Operating Impact:</b> Small increase in maintenance costs due to ownership of additional flood protection facilities.</p>	<p>Construction and mitigation are completed.</p> <p>All requests for reimbursement, totaling \$424,813, have been submitted. The California Natural Resources Agency retains 10% of the requested reimbursement until all final project documentation is submitted for the River Parkways Grant. A final reimbursement of \$42,481 will be released once all project documentation is submitted. Staff has submitted the required documentation at the end of April 2024.</p>
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<p><b>Alamo Creek Bank Stabilization Pilot Project</b></p> <p><b>Purpose/Benefits:</b></p> <ul style="list-style-type: none"> <li>Pilot project to test channel erosion treatments that will be proposed as part of the Flood Management Plan</li> <li>Repair a section of Alamo Creek in Dublin to help restore functionality and integrity of the flood protection system using vegetation and rock rip rap</li> <li>Repair areas of bank damage from the 2023 winter storms</li> </ul>	<p><b>Scope:</b></p> <ul style="list-style-type: none"> <li>Repair channel reach downstream of the Alamo Creek and South San Ramon Creek confluence structure that experiences high velocities, causing toe erosion.</li> <li>Improvements will stabilize the toe with rock vanes, vegetated soil lifts, willow plantings, and rip rap toe trenches. Erosion control fabric will be placed on top of all new repairs and hydroseeded.</li> </ul> <p><b>Funding Source:</b></p> <ul style="list-style-type: none"> <li>Fund 200 – Flood Protection Operations</li> <li>DWR has awarded up to a \$4,606,890 grant through the Floodplain Management, Protection, and Risk Awareness (FMPRA) Grant Program</li> <li>Requires Zone 7 matching funds of 25% (~\$1,535,630)</li> </ul>	<p><b>Original Total Cost Estimate (2023):</b> \$5,800,000</p> <p><b>Current Total Estimated Project Cost:</b> \$6,142,520</p> <p><b>Total Proposed Budget:</b> \$6,142,520</p> <p><b>Total Expenditures:</b> \$305,000</p> <table border="1" data-bbox="884 743 1295 943"> <thead> <tr> <th colspan="2">Planning &amp; Design Phase Costs</th> </tr> </thead> <tbody> <tr> <td>Budget</td> <td>\$890,000</td> </tr> <tr> <td>% Spent</td> <td>34%</td> </tr> <tr> <td>% Complete</td> <td>34%</td> </tr> </tbody> </table> <table border="1" data-bbox="884 982 1295 1260"> <thead> <tr> <th colspan="2">Construction Phase Costs</th> </tr> </thead> <tbody> <tr> <td>Proposed Budget (FY 2024-26)</td> <td>\$5,252,520</td> </tr> <tr> <td>% Spent</td> <td>0%</td> </tr> <tr> <td>% Complete</td> <td>0%</td> </tr> </tbody> </table>	Planning & Design Phase Costs		Budget	\$890,000	% Spent	34%	% Complete	34%	Construction Phase Costs		Proposed Budget (FY 2024-26)	\$5,252,520	% Spent	0%	% Complete	0%	<p><b>Design:</b> May 2023 – September 2024</p> <p><b>Permitting:</b> Winter 2025</p> <p><b>Construction:</b> Summer/Fall 2025</p> <p><b>Closeout:</b> December 2025</p> <p><b>Projected Operating Impact:</b> Reduced future maintenance and repair costs.</p>	<p>The team of FlowWest, HDR, and Haley &amp; Aldrich are moving forward with hydraulic modeling, geomorphic analysis, and collection of boring samples. The 30% design and cost estimate are under review. Additional scope to address the 2023 storm damages has been added to the project scope.</p> <p>The grant agreement with the California Department of Water Resources (DWR) was executed in February 2024.</p>
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<p><b>2022-2023 Storm Damage High Priority Repairs</b></p> <p><b>Purpose/Benefits:</b></p> <ul style="list-style-type: none"> <li>Restore channel embankments damaged during the December 2022-January 2023 storm event.</li> <li>Repairs will improve channel capacity and stability and prevent further damage.</li> </ul>	<p><b>Scope:</b></p> <ul style="list-style-type: none"> <li>Repair four high-priority sites that experienced damage during the 2022-2023 storm events at Las Positas at El Charro, Golden Eagle Estates, and Line G1-1-1.</li> <li>Repairs under this project are sites that do not qualify for the US Army Corp of Engineers (USACE) Program. Design has been completed in-house and will go out to bid in May 2024 and construction will be completed by fall 2024 pending permit approval.</li> <li>Improvements will include bank stabilization with rip rap and potentially geogrids to reinforce the channel soils. Erosion control fabric will be placed on top of all new repairs and hydroseeded.</li> </ul> <p><b>Funding Source:</b></p> <ul style="list-style-type: none"> <li>Fund 200 – Flood Protection Operations</li> </ul>	<p><b>Original Total Cost Estimate:</b> To be determined (TBD) as the scope is refined.</p> <p><b>Current Total Estimated Project Cost:</b> \$2,050,000</p> <p><b>Total Proposed Budget:</b> \$2,754,000</p> <p><b>Total Expenditures:</b> \$367,524</p> <table border="1" data-bbox="884 675 1295 873"> <thead> <tr> <th colspan="2">Planning &amp; Design Phase Costs</th> </tr> </thead> <tbody> <tr> <td>Budget</td> <td>\$500,000</td> </tr> <tr> <td>% Spent</td> <td>74%</td> </tr> <tr> <td>% Complete</td> <td>74%</td> </tr> </tbody> </table> <table border="1" data-bbox="884 912 1295 1187"> <thead> <tr> <th colspan="2">Construction Phase Cost Estimate</th> </tr> </thead> <tbody> <tr> <td>Proposed Budget (FY 2024-25)</td> <td>\$2,254,000</td> </tr> <tr> <td>% Spent</td> <td>0%</td> </tr> <tr> <td>% Complete</td> <td>0%</td> </tr> </tbody> </table>	Planning & Design Phase Costs		Budget	\$500,000	% Spent	74%	% Complete	74%	Construction Phase Cost Estimate		Proposed Budget (FY 2024-25)	\$2,254,000	% Spent	0%	% Complete	0%	<p><b>Design:</b> Spring 2024</p> <p><b>Permitting:</b> Summer2024</p> <p><b>Construction:</b> Fall 2024</p> <p><b>Closeout:</b> December 2024</p> <p><b>Projected Operating Impact:</b> Restore channel stability.</p>	<p>Initial design for four channel repairs were prepared and a pre-submittal review was conducted with the San Francisco Regional Water Quality Control Board (SF RWQCB) to determine feasibility of repairs. For two of the sites, SF RWQCB requested additional fluvial geomorphologist analysis. ESA completed the additional geomorphic assessment in January 2024.</p> <p>The 100% design is near completion. Staff plans to bid the project in May 2024, and bring the project to the Board for award in July 2024.</p> <p>Pending environmental permits, construction will begin in August 2024, and in-channel work will be completed by end of October 2024.</p>
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<p><b>2023 Storm Damage Repairs - Phase 1</b></p> <p><b>Purpose/Benefits:</b></p> <ul style="list-style-type: none"> <li>Restore channel embankments damaged during the December 2022-January 2023 storm event.</li> <li>Repairs will improve channel capacity and stability and prevent further damage.</li> </ul>	<p><b>Scope:</b></p> <ul style="list-style-type: none"> <li>Design and environmental planning to repair approximately 50 out of 177 sites that experienced damage during the 2022-2023 storm events.</li> <li>Approximately 25 high to medium priority sites that did not qualify for USACE funding will be repaired in-house. Design in progress. Construction planned for 2025. Phase 2 to repair additional approximately 50 sites will be in 2026. Improvements will include stabilization of the toe utilizing rip rap toe trenches, and potentially geogrids to reinforce the channel soils. Erosion control fabric will be placed on top of all new repairs and hydroseeded.</li> </ul> <p><b>Funding Source:</b></p> <ul style="list-style-type: none"> <li>Fund 200 – Flood Protection Operations</li> </ul>	<p><b>Original Total Cost Estimate:</b> To be determined (TBD) as the scope is refined.</p> <p><b>Current Total Estimated Project Cost:</b> To be determined as the scope is refined.</p> <p><b>Total Proposed Budget:</b> Initial budget for design is \$1,082,000.</p> <p><b>Total Expenditures: \$25,000</b></p> <table border="1" data-bbox="884 792 1297 1027"> <thead> <tr> <th colspan="2">Planning &amp; Design Phase Costs</th> </tr> </thead> <tbody> <tr> <td>Budget</td> <td>\$1,082,000</td> </tr> <tr> <td>% Spent</td> <td>2.5%</td> </tr> <tr> <td>% Complete</td> <td>5%</td> </tr> </tbody> </table> <table border="1" data-bbox="884 1068 1297 1338"> <thead> <tr> <th colspan="2">Construction Phase Costs</th> </tr> </thead> <tbody> <tr> <td>Proposed Budget (FY 2025-26)</td> <td>\$6,980,000</td> </tr> <tr> <td>% Spent</td> <td>0%</td> </tr> <tr> <td>% Complete</td> <td>0%</td> </tr> </tbody> </table>	Planning & Design Phase Costs		Budget	\$1,082,000	% Spent	2.5%	% Complete	5%	Construction Phase Costs		Proposed Budget (FY 2025-26)	\$6,980,000	% Spent	0%	% Complete	0%	<p><b>Design:</b> February 2025</p> <p><b>Permitting:</b> February 2025</p> <p><b>Construction:</b> Fall 2025</p> <p><b>Closeout:</b> December 2025</p> <p><b>Projected Operating Impact:</b> Restore channel stability.</p>	<p>Design agreement with Wood Rodgers was executed in March 2024. Kick-off meeting with design team and initial site visit were completed in April 2024.</p> <p>In the coming months, the design team will continue with field inspection and site reconnaissance including preparation for geotechnical investigation, soil sampling, and survey data collection.</p> <p>Zone 7 will be seeking assistance from FEMA/Cal OES for design and construction expenditures.</p>
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