



## **Santa Clara Valley Water District Water Supply and Demand Management Committee**

HQ. Bldg. Boardroom, 5700 Almaden Expressway, San Jose, California  
Join Zoom Meeting: <https://valleywater.zoom.us/j/92597340524#>

### **REGULAR MEETING AGENDA**

**Monday, June 23, 2025  
10:00 AM**

**District Mission: Provide Silicon Valley safe, clean water for a healthy life, environment and economy.**

**COMMITTEE OFFICERS:**

Nai Hsueh, Chairperson  
Director, District 5  
Shiloh Ballard, Vice Chairperson  
Director, District 2  
Richard Santos  
Director, District 3

All public records relating to an item on this agenda, which are not exempt from disclosure pursuant to the California Public Records Act, that are distributed to a majority of the legislative body will be available for public inspection at the Office of the Clerk of the Board at the Santa Clara Valley Water District Headquarters Building, 5700 Almaden Expressway, San Jose, CA 95118, at the same time that the public records are distributed or made available to the legislative body. Santa Clara Valley Water District will make reasonable efforts to accommodate persons with disabilities wishing to attend Board of Directors' meeting. Please advise the Clerk of the Board Office of any special needs by calling (408) 265-2600.

**STAFF LIAISONS:**

Vincent Gin  
Kirsten Struve  
Ryan McCarter  
Stephanie Simunic  
COB Liaison  
Assistant Deputy Clerk II  
[ssimunic@valleywater.org](mailto:ssimunic@valleywater.org)  
1-408-630-2408

**Note: The finalized Board Agenda, exception items and supplemental items will be posted prior to the meeting in accordance with the Brown Act.**

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**Santa Clara Valley Water District  
Water Supply and Demand Management Committee**

**REGULAR MEETING  
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**\*\*\*IMPORTANT NOTICES AND PARTICIPATION INSTRUCTIONS\*\*\***

Santa Clara Valley Water District (Valley Water) Board of Directors/Board Committee meetings are held as a “hybrid” meetings, conducted in-person as well as by telecommunication, and is compliant with the provisions of the Ralph M. Brown Act.

To maximize public safety while still maintaining transparency and public access, members of the public have an option to participate by teleconference/video conference or attend in-person. To observe and participate in the meeting by teleconference/video conference, please see the meeting link located at the top of the agenda. If attending in-person, you are required to comply with Ordinance 22-03 - AN ORDINANCE OF THE SANTA CLARA VALLEY WATER DISTRICT SPECIFYING RULES OF DECORUM FOR PARTICIPATION IN BOARD AND COMMITTEE MEETINGS located at <https://s3.us-west-2.amazonaws.com/valleywater.org.if-us-west-2/f2-live/s3fs-public/Ord.pdf>

In accordance with the requirements of Gov. Code Section 54954.3(a), members of the public wishing to address the Board/Committee during public comment or on any item listed on the agenda, may do so by filling out a Speaker Card and submitting it to the Clerk or using the “Raise Hand” tool located in the Zoom meeting application to identify yourself in order to speak, at the time the item is called. Speakers will be acknowledged by the Board/Committee Chair in the order requests are received and granted speaking access to address the Board.

- Members of the Public may test their connection to Zoom Meetings at: <https://zoom.us/test>
- Members of the Public are encouraged to review our overview on joining Valley Water Board Meetings at: <https://www.youtube.com/watch?v=TojJpYCxXm0>

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bonds, notes or other obligations. Any projections, plans or other forward-looking statements included in the information in this agenda are subject to a variety of uncertainties that could cause any actual plans or results to differ materially from any such statement. The information herein is not intended to be used by investors or potential investors in considering the purchase or sale of Valley Water's bonds, notes or other obligations and investors and potential investors should rely only on information filed by Valley Water on the Municipal Securities Rulemaking Board's Electronic Municipal Market Access System for municipal securities disclosures and Valley Water's Investor Relations website, maintained on the World Wide Web at <https://emma.msrb.org/> and <https://www.valleywater.org/how-we-operate/financebudget/investor-relations>, respectively.

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**Join Zoom Meeting:**

**<https://valleywater.zoom.us/j/92597340524#>**

**Meeting ID: 925 9734 0524#**

**Join by Phone:**

**1 (669) 900-9128, 92597340524#**

**1. CALL TO ORDER:**

1.1. Roll Call.

**2. TIME OPEN FOR PUBLIC COMMENT ON ANY ITEM NOT ON THE AGENDA.**

*Notice to the public: Members of the public who wish to address the Board/Committee on any item not listed on the agenda may do so by filling out a Speaker Card and submitting it to the Clerk or using the "Raise Hand" tool located in the Zoom meeting application to identify yourself to speak. Speakers will be acknowledged by the Board/Committee Chair in the order requests are received and granted speaking access to address the Board/Committee. Speakers' comments should be limited to three minutes or as set by the Chair. The law does not permit Board/Committee action on, or extended discussion of, any item not on the agenda except under special circumstances. If Board/Committee action is requested, the matter may be placed on a future agenda. All comments that require a response will be referred to staff for a reply in writing. The Board/Committee may take action on any item of business appearing on the posted agenda.*

**3. APPROVAL OF MINUTES:**

3.1. Approval of May 5, 2025 Water Supply and Demand Management Committee (WSDMC) Minutes.

25-0547

Recommendation: Approve the minutes.

Manager: Candice Kwok-Smith, 408-630-3193  
Attachments: [Attachment 1: 05052025 WSDMC Minutes](#)  
Est. Staff Time: 5 Minutes

**4. REGULAR AGENDA:**

- 4.1. Receive Information on Investments in “No Regrets” Package, Including Stormwater Resource Plan. [25-0477](#)  
Recommendation: Receive information on the “No Regrets” package implementation.  
Manager: Kirsten Struve, 408-630-3138  
Attachments: [Attachment 1: PowerPoint](#)  
[Attachment 2: 2017 No Regrets Table](#)  
[Attachment 3: Water Conservation Flyer](#)  
Est. Staff Time: 45 Minutes
- 4.2. Receive information on the Sites Reservoir Project. [25-0443](#)  
Recommendation: Receive and discuss information on the Sites Reservoir Project.  
Manager: Vincent Gin, 408-630-2633  
Attachments: [Attachment 1: PowerPoint](#)  
Est. Staff Time: 40 Minutes
- 4.3. Review and Discuss the Water Supply and Demand Management Committee (WSDMC) Work Plan and Upcoming Discussion Items. [25-0548](#)  
Recommendation: Review and discuss the WSDMC Work Plan and upcoming discussion items.  
Manager: Candice Kwok-Smith, 408-630-3193.  
Attachments: [Attachment 1: 2025 WSDMC Work Plan](#)  
Est. Staff Time: 5 Minutes

**5. CLERK REVIEW AND CLARIFICATION OF COMMITTEE REQUESTS.**

*This is an opportunity for the Clerk to review and obtain clarification on any formally moved, seconded, and approved requests and recommendations made by the Committee during the meeting.*

**6. ADJOURN:**

- 6.1. Adjourn. The Next Regular Meeting is Scheduled at 10:00 a.m. on Monday, July 28, 2025.

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# Santa Clara Valley Water District

File No.: 25-0547

Agenda Date: 6/23/2025

Item No.: 3.1.

## COMMITTEE AGENDA MEMORANDUM Water Supply and Demand Management Committee

Government Code § 84308 Applies: Yes  No   
(If "YES" Complete Attachment A - Gov. Code § 84308)

### SUBJECT:

Approval of May 5, 2025 Water Supply and Demand Management Committee (WSDMC) Minutes.

### RECOMMENDATION:

Approve the minutes.

### SUMMARY:

A summary of Committee discussions, and details of all actions taken by the Committee, during all open and public Committee meetings, is transcribed and submitted for review and approval.

Upon Committee approval, minutes transcripts are finalized and entered into the District's historical records archives and serve as historical records of the Committee's meetings.

### ENVIRONMENTAL JUSTICE AND EQUITY IMPACT:

The approval of minutes is not subject to environmental justice and equity impact analysis.

### ATTACHMENTS:

Attachment 1: 05052025 WSDMC Minutes

### UNCLASSIFIED MANAGER:

Candice Kwok-Smith, 408-630-3193

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WATER SUPPLY AND DEMAND  
MANAGEMENT COMMITTEE MEETING

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## DRAFT MINUTES

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REGULAR MEETING  
MONDAY, MAY 5, 2025  
12:00 PM

(Paragraph numbers coincide with agenda item numbers)

**1. CALL TO ORDER:**

A regular meeting of the Santa Clara Valley Water District (Valley Water) Water Supply and Demand Management Committee (Committee) was called to order by Chairperson Hsueh at 12:00 p.m. in the Valley Water Headquarters Building Boardroom at 5700 Almaden Expressway, San Jose, California, and by Zoom teleconference.

**1.1. Roll Call.**

Committee members in attendance were: District 5 Director Nai Hsueh, Chairperson, District 2 Director Shiloh Ballard, Vice Chairperson, and District 3 Director Richard Santos, constituting a quorum of the Committee.

Staff members in attendance were: Gina Adriano, Karen Adriano, Antonio Alfaro, Roselyn Bhudsabourg, Justin Burks, Rita Chan, Vanessa De La Piedra, Gavin Downs, Andrew Garcia, Rachael Gibson, Paola Giles, Mark Gomez, Andy Gschwind, Mario Hernandez, Cindy Kao, Matt Keller, Kaho Kong, Candice Kwok-Smith, Kathleen Low, Jess Lovering, Ryan McCarter, Carmen Narayanan, Julianne O'Brien, Carlos Orellana, Steve Peters, Sarah Piramoon, Mark Poole, Paola Reyes, Breanne Roderick, Melanie Richardson, Don Rocha, Desiree Sausele, Nicholas Simard, Stephanie Simunic, Ranithri Slayton, Kirsten Struve, Charlene Sun, Jing Wu, Beckie Zisser.

Public in attendance were: District 7 Director Rebecca Eisenburg, Lundyn Harrelson (Raftelis), Kevin Kostiuk (Raftelis), Elaine Vastis (Raftelis), Mike Avina (Stop the Pacheco Dam Project), Kurt Elvert (San Jose Water Company), Katja Irvin (Sierra Club), Steve Jordan (Purissima Hills Water District), Sanjay Reddy (Carollo Engineers), John Tang (San Jose Water Company), Luke Wang (Hazen & Sawyer), Peter Van Dyke (Loma Prieta RCD).

**2. TIME OPEN FOR PUBLIC COMMENT ON ANY ITEM NOT ON THE AGENDA:**

Chairperson Hsueh declared time open for public comment on any item not on the agenda. There was no one who wished to speak.

### **3. APPROVAL OF MINUTES:**

#### **3.1 Approval of March 24, 2025 Water Supply and Demand Management Committee (WSDMC) Minutes.**

**Recommendation:** **Approve the minutes.**

The Committee considered the minutes of the March 24, 2025 Water Supply and Demand Management Committee (WSDMC) meeting.

Public Comments: None.

It was moved by Director Santos, seconded by Vice Chairperson Ballard, and unanimously carried, to approve the March 24, 2025 WSDMC minutes.

### **4. REGULAR AGENDA:**

#### **4.1 Receive Information and Discuss Proposed Storage Projects Contained in Valley Water's Water Supply Master Plan 2050.**

**Recommendation:** **Receive information and discuss proposed Storage Projects contained in Valley Water's Water Supply Master Plan 2050.**

Jing Wu reviewed the information on this item, per the attached Committee Agenda Memo and in the attachment and with Kirsten Struve, was available to answer questions.

The Committee discussed the following with staff input including: if enhanced flexibility could be realized in operating existing water utility system if the proposed storage opportunity is an integral part of Valley Water's water utility system, the ability to deliver water to storage (put) and ability to retrieve banked supplies (take) in various reservoirs, and challenges relating to project partnerships.

The Committee requested that the following is explained in the report to the Board: the difference between Valley Water creating storage vs. storage elsewhere as part of the Pacheco project update, the Water Supply Master Plan adaptive management process relating to Pacheco, and a more in-depth discussion relating to put and take.

Public Comments: Peter Van Dyke expressed concern relating to the Pacheco project regarding capital costs and inflation. Katja Irvin stated the decision point should be clearer if Directors want the opportunity to not go forward with the Pacheco project.

Director Hsueh requested the public commentors questions and concerns are addressed in the Pacheco report that goes to the Board.

The Committee received the information and took no formal action.

**4.2 Receive an Informational Update on the Pacheco Reservoir Expansion Project With a Focus on Partnerships and the role of the Project in the Water Supply Master Plan.**

**Recommendation:** **Receive and informational update on the Pacheco Reservoir Expansion Project with a focus on partnerships and the role of the project in the Water Supply Master Plan.**

Julianne O'Brien reviewed the information on this item, per the attached Committee Agenda Memo and in the attachment and was available to answer questions.

The Committee discussed the following with staff input including: cost as the main dealbreaker for not moving forward with the project, and a future cost-benefit analysis.

Public Comment: Mike Avina, Peter Van Dyke, and Katja Irvin expressed concerns about the project relating to environmental impacts, cost factors including financing by ratepayers, clarification relating to downstream environmental benefits, clarification of the rental merchant model for partnership, and the finished project lifespan.

Director Hsueh requested the commentors questions and concerns are addressed in the report that goes to the Board.

The Committee received the information and took no formal action.

**4.3 Receive and Discuss Information Regarding the Status of Potential Groundwater Banking Projects.**

**Recommendation:** **Receive and discuss information regarding the status of potential groundwater banking projects.**

Kaho Kong reviewed the information on this item, per the attached Committee Agenda Memo and in the attachment and was available to answer questions.

The Committee discussed the following with staff input including: projects in the portfolio, adaptive management and the Monitoring and Assessment Program (MAP) in the Water Supply Master Plan, potential challenges and supplies relating to the Sacramento Regional Bank, and the importance of partnerships with other water agencies.

Director Hsueh reminded staff to include information relating to put and take capacities in future updates on potential groundwater banking projects to the Committee.

Public Comment: None.

The Committee received the information, provided positive feedback and took no formal action.

**4.4 Receive Information on the Water Use Projections, Water Demand Elasticity and Customer Affordability Study and Provide Feedback to Staff.**

**Recommendation:** **Receive information on the Water Use Projections, Water Demand Elasticity and Customer Affordability Study (Study), including the Study scope, objectives, status updates, and provide feedback to Staff.**

Kevin Kostiuk of Raftelis reviewed the information on this item, per the attached Committee Agenda Memo and in the attachments and were available to answer questions with Elaine Vastis of Raftelis and Luke Wang of Hazen & Sawyer.

The Committee discussed the following with staff input including: similarities between Valley Water and other water agencies relating to water demand trends and forecasting, spatial and sector segmentation, and reserve policies.

**Public Comment:** Peter Van Dyke inquired that since water conservation is successful and water use trends are declining, how will that impact future revenue. Katja Irvin stated that the Urban Water Management Plan tends to overestimate growth and future demand, and to use the plan with caution, requested further details relating to how droughts and demand hardening are being considered, on slide 3 what does it mean to review how expected changes in the service area are utilized, and on slide 13 what are the other considerations related to reserve policies.

Staff stated that revenue projections based on a small rebound, water rates are updated annually, and if water usage plays out differently updates are made. Director Hsueh stated that, over the years, Valley Water has continually improved its tools and methodologies in estimating water demand for the upcoming fiscal year. Staff clarified that Valley Water's Urban Water Management Plan uses supply numbers for the whole county. Chairperson Hsueh requested the fiscal team answer the public commentors questions.

Staff solicited the Committee's inputs on updating the full board about the studies, for each subject (water use projection, water demand elasticity, customer affordability) or until the completion of all three subjects. The Committee did not have a specific recommendation for staff.

Director Ballard stated she likes drilling down on land use information.

The Committee received the information and took no formal action.

**4.5 Review and Discuss Water Supply and Demand Committee (WSDMC) Work Plan and Upcoming Discussion Items.**

**Recommendation:** **Review and discuss the WSDMC Work Plan and upcoming discussion items.**

Public Comment: None.

The Committee received the information and briefly discussed the schedule of agenda items. The Committee unanimously agreed to cancel the June 2, 2025 meeting.

**5. CLERK REVIEW AND CLARIFICATION OF COMMITTEE REQUESTS:**

Stephanie Simunic stated no clarification was needed. The Committee took no action.

**6. ADJOURN:**

**6.1. Adjourn to Regular Meeting at 10:00 a.m. on Monday June 23, 2025.**

Chairperson Hsueh adjourned the meeting at 1:53 p.m.

Date Approved:

Stephanie Simunic  
Assistant Deputy Clerk II

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# Santa Clara Valley Water District

File No.: 25-0477

Agenda Date: 6/23/2025

Item No.: 4.1.

## COMMITTEE AGENDA MEMORANDUM Water Supply and Demand Management Committee

Government Code § 84308 Applies: Yes  No   
(If "YES" Complete Attachment A - Gov. Code § 84308)

### **SUBJECT:**

Receive Information on Investments in "No Regrets" Package, Including Stormwater Resource Plan.

### **RECOMMENDATION:**

Receive information on the "No Regrets" package implementation.

### **SUMMARY:**

As part of the Water Supply Master Plan 2040 development, Valley Water's Board of Directors (Board) approved a "No Regrets" package for implementation in September 2017 (Attachment 2). The "No Regrets" package of conservation and stormwater capture projects and programs is broadly supported by stakeholders, relatively low cost, and can be implemented independently of other projects and programs in the Water Supply Master Plan 2040. These projects and programs include:

1. Advanced Metering Infrastructure
2. Leak Repair Incentives
3. Graywater Rebate Program Expansion
4. Model Water Efficiency New Development Ordinance
5. Stormwater Capture

This memo provides an update on the efforts and progress to date in implementing the "No Regrets" package since the Water Conservation and Demand Management Committee update in June 2024.

### **ADVANCED METERING INFRASTRUCTURE (AMI)**

Advanced Metering Infrastructure (AMI) in concert with a proposed customer-side leak repair incentive program are critical elements to have in place by 2040 to meet the Board's water conservation goals. AMI facilitates customer engagement with their water usage and enables water

retailers to track water usage remotely and frequently. Valley Water's goal is to collaborate with retailers and cities throughout our service area to implement AMI through incentives, grants, and support letters (i.e., Integrated Regional Water Management, California Public Utilities Commission, etc.). The conservation budget includes dedicated funding to assist in the implementation of this program.

Valley Water encourages AMI installation by retailers through cost-share agreements. Valley Water has developed AMI Program Guidelines to facilitate consistent implementation practices across service areas and to receive anonymized leak-alert data from retailers. Leak-alert data could be used for future conservation program targeting. These guidelines are updated every few years as new best practices and approaches are identified by peer agencies and participating retailers.

As of May 2025, Valley Water has cost-sharing agreements providing approximately \$4 million in AMI funding in the following service areas:

- City of Morgan Hill (approximately 15,000 AMI meters installed, representing nearly full deployment in this service area),
- City of Milpitas (approximately 16,700 AMI meters installed, representing nearly full deployment in this service area), and
- City of Palo Alto (approximately 21,000 AMI meters funded in June 2023, with installations ongoing through Summer 2025-at which point this service area will have nearly full AMI deployment as well).

Valley Water has a cost-sharing agreement with the City of Mountain View to provide AMI funding through Valley Water's Guiding Principle 5 (GP5) Program, and a cost-share agreement for funding through the AMI Program is under development. Staff anticipates that Mountain View will install up to 20,000 AMI meters over the next couple of years.

Additionally, several water retailers have pursued AMI deployment through other means. Purissima Hills Water District has received funding for approximately 1,000 AMI meters through the Safe, Clean Water Program, while the City of Gilroy has funded approximately 14,400 AMI meters through an Integrated Resources Water Management Proposition 1 grant applied for with Valley Water support. San Jose Water Company received approval for AMI implementation from the California Public Utilities Commission in June 2022. Over the next several years, it will invest approximately \$100 million to install 253,000 meters within its service area. According to San Jose Water's AMI webpage, they anticipate deploying their customer portal this calendar year. Valley Water is open to providing AMI Program funding to any local agency in our service area in exchange for adhering to the AMI Program Guidelines, including but not limited to supplying Valley Water with customer leak-alert data.

While AMI implementation progress varies across service areas, staff estimates that at least 71,000 AMI meters have been installed to date in Santa Clara County through a combination of Valley Water cost-share agreement funding, Valley Water grant funding, and Valley Water support for external grant funding. As the Cities of Palo Alto and Mountain View proceed with their AMI deployment, this total is anticipated to increase to over 90,000 AMI meters. Though these numbers may change as the

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projects are implemented at different schedules in each service area, staff continues to encourage additional water retailers to prioritize AMI installation.

## LEAK REPAIR INCENTIVES

### *Leak Detection and Repair Training*

Though customers are alerted of possible leaks much more quickly with AMI, a trained workforce is required to fix leaks expeditiously. Valley Water and Bay Area Water Supply and Conservation Agency (BAWSCA) determined the need for a leak certification or certificate program (i.e., establishing a licensing program) to provide professionals with the necessary skills to identify and repair leaks. After completing this proposed training program, professionals will be placed on a reliable, objective resource list for landlords and homeowners to address leaks.

To conduct comprehensive research and offer training framework recommendations, between 2021 and 2023, Valley Water and BAWSCA collaborated with the California Water Efficiency Partnership (CalWEP), a non-profit organization aiming to maximize urban water efficiency and conservation throughout California. Research and stakeholder engagement findings (Phase 1) revealed strong statewide interest in an affordable, accessible leak detection and repair training program focused on water conservation for professionals. Building on these findings, Phase 2 outlined different training framework options, including accreditation and delivery methods (e.g., certificates versus certifications, in-person versus virtual, etc.), and outlined pros and cons of key decisions to inform the development of a successful leak training program. The complete findings from this effort are provided in “Design Considerations for a Residential Leak Detection & Repair Certification Training” at [calwep.org](http://calwep.org).

For Phase 3, Valley Water is currently in the process of finalizing a contract with CalWEP to launch the region's first Leak Detection and Repair Training Program. The program, which will be among the first of its kind in California, will be developed and facilitated by the International Association of Plumbing and Mechanical Officials (IAPMO). In coordination with Valley Water, CalWEP, and other interested service areas, IAPMO is responsible for developing the curriculum, hosting the training, and maintaining the list of licensed plumbers who receive the certification. The list of licensed and certified plumbers will be a new, objective resource that Valley Water and retailer staff can send to customers with leak-alerts or to receive specialized help fixing leaks. Though Valley Water maintains or shares many objective lists of outdoor conservation professionals (like Qualified Water Efficient Landscaper lists), leak repair professionals have been a statewide resource gap that this training will fill locally. A network of trained professionals in leak repair will be needed before developing any future leak incentive program.

### *Leak Detection Programs*

In August 2023, Valley Water completed two pilots focused on low-income, disadvantaged, or

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underrepresented communities. These vendor-supported pilots leveraged an existing program between Richard Heath and Associates, Inc. (RHA) and Pacific Gas and Electric's (PG&E's) Energy Savings Assistance (ESA) Program.

The Leak Assessment and Repair Pilot, in conjunction with the Toilet Assessment and Retrofit Pilot, concluded in August 2023. Both pilots successfully delivered equity-based water conservation measures to 214 low-income households across various service areas, including the City of Gilroy, Great Oaks Water Company, San Jose Municipal Water, and San Jose Water Company. Collectively, these pilots achieved savings of 12,123,560 gallons of water, or about 37-acre feet (AF) over the expected useful life of the measures provided.

Additionally, staff developed a new indoor direct installation program to replace the Fixture Replacement Program. While the new program will have a similar Scope of Work, staff strategically incorporated select lessons learned from the pilots, for example, the inclusion of Point-of-use Monitoring (POUM) leak detection devices as an optional task. POUM leak detection devices are smart monitoring tools installed directly on fixtures such as toilets. They can detect abnormal water usage in near real-time and transmit alerts to an online dashboard. This functionality allows maintenance staff to identify and address leaks early, preventing water waste and reducing potential damage to properties. Whether used in conjunction or independently from AMI, POUM is particularly useful in high-density properties. For example, when a multi-family property receives a leak alert from an AMI meter serving the entire property, POUMs can isolate the leak to a specific residential unit.

Although implementing these devices is currently optional under the current scope, staff anticipates pursuing this component more actively once additional resources become available. In the meantime, staff are prioritizing plumbing retrofits that maximize water savings and reduce water bills for program participants. Staff will continue exploring opportunities to support POUM installations in future program phases.

## GRAYWATER REBATE PROGRAM EXPANSION

During Spring 2025, Valley Water staff developed a marketing campaign that targeted past Landscape Rebate Program lawn conversion participants and Water Wise Outdoor Survey participants who met the Graywater Rebate Program requirements. Communication about the Graywater Rebate Program was sent to the list of over 11,000 participants, resulting in 10 graywater applications (10 in 2024 for the full FY) and a steady number of graywater email and phone inquiries (56 in 2024 and 45 in 2025 with the campaign ongoing). Valley Water is also in the process of launching a direct installation program geared towards low-income community members in Santa Clara County. The program will provide qualifying homeowners with lawn conversions and graywater laundry to landscape system installations, along with the option of irrigation equipment upgrades, rainwater capture installations, and tree plantings.

Valley Water has continued to develop its Graywater Rebate Program by partnering with cost-sharing retailers to double the overall rebate from \$200 to \$400 in those service areas. This is the highest graywater rebate rate staff is aware of in the United States. Valley Water issues on average 10 rebates per year, for a total of 154 graywater laundry to landscape systems installed in Santa Clara County. While Valley Water does not currently plan to rebate for more advanced graywater systems

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due to resource constraints, additional graywater system resources, including guides, evaluation tools, virtual workshops and webinars, informational and instructional videos, and a list of local graywater installers are available at Valley Water's Water Conservation Programs page.

## MODEL WATER EFFICIENCY NEW DEVELOPMENT ORDINANCE

The Model Water Efficiency New Development Ordinance (MWENDO), developed in 2015 by the Santa Clara County Water Efficient New Development Task Force, composed of representatives from Santa Clara County, several cities, Valley Water, Sustainable Silicon Valley, and Joint Venture Silicon Valley, is intended to be adopted by jurisdictions in Santa Clara County to ensure water use efficient in new development. The ordinance is designed to be customizable depending on cities' needs and includes a variety of water efficiency measures for new developments, such as:

- Single-Family Residential
- Multi-Family Residential and Nonresidential Projects
- Commercial Facilities

To advance water efficiency and conservation efforts, Valley Water continues to advocate with jurisdictions for actions related to the adoption of MWENDO, which would ensure that new developments meet strong water efficiency standards. To assist jurisdictions with MWENDO adoption, Valley Water offers a template staff/Council agenda report, a cost-effectiveness study, and instructions for filing with the California Building Standards Commission (CBSC) and California Energy Commission (CEC).

MWENDO has been revised in preparation for the current building code adoption cycle and reflects the most up-to-date water efficiency standards and water conservation reach code best practices. The revised ordinance also includes a supplemental provision related to decorative, non-functional turf on commercial, industrial, and institutional (CII) sites, which complements the recently passed legislation, AB 1572 (*Chapter 849, Statutes of 2023*), that phases out the use of potable water for irrigation of non-functional turf on CII landscapes on some State-owned properties and properties owned by local government agencies.

California's Title 24 building code is updated on a triennial basis; however, jurisdictions can adopt reach codes like MWENDO at any time. To date, several cities have expressed interest and staff continue to work on promoting adoption of MWENDO. The City of Santa Clara adopted MWENDO as part of its Potable and Recycled Water System Rules and Regulations and the City of San José is currently developing recommendations for regulating water efficiency specifications for new buildings as part of the City's Climate Smart San José strategies. Conducting research on considerations for adopting MWENDO is also included as part of key implementation actions in the current draft of the County of Santa Clara Community Climate Roadmap 2035.

## STORMWATER CAPTURE

Stormwater capture can have water quality, water supply, flood management, environmental, and

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community (e.g., aesthetics, recreation, and education) benefits. The “No Regrets” package proposed evaluating stormwater capture projects to develop at least 1,000 acre-feet per year (AFY) on average of stormwater water supply (which brings the 2040 water conservation target from 109,000 to 110,000 acre-feet saved per year).

#### *Countywide Planning and Flood-MAR Efforts*

Valley Water helps lead stormwater capture efforts countywide via the development of two stormwater resource plans. These plans develop, prioritize, and plan “centralized” stormwater projects in Santa Clara County that are typically located on public lands. Valley Water will continue to track city and County efforts, develop partnerships where there may be complementary project interests, and seek grant funding for partnership projects.

Flood-Managed Aquifer Recharge (Flood-MAR) uses open space to recharge stormwater or floodwater into the aquifer. Valley Water is interested in whether Flood-MAR can enhance water supply while also providing co-benefits related to watershed stewardship. To explore this possibility, Valley Water completed a pre-feasibility study in 2021 on Flood-MAR implementation in Valley Water’s service area. The pre-feasibility study indicates that a Flood-MAR program may be viable for Valley Water, but it will provide a relatively small water supply benefit and needs to navigate key uncertainties regarding permitting, water rights, water supply benefit, cost, and incentive structure.

To address those uncertainties, staff is building on the pre-feasibility study recommendations to develop a pilot Flood-MAR program structure at Valley Water to inform the future direction of this effort. Key efforts to date include using hydrologic data to estimate water supply benefits of potential sites, developing cost estimates of potential Flood-MAR implementation, and researching incentive structures that could attract and maintain partnerships with private and public landowners within South County. In addition, staff have reviewed several Flood-MAR projects in the region, which were either built or are in the process of being built. Lessons learned from those handful of projects indicate that it often takes multiple years for Flood-MAR projects to be constructed, water supply benefits are small and intermittent, and the projects require ongoing management and maintenance.

In early 2023, Valley Water secured a \$350,000 grant from the Pajaro River Watershed Integrated Regional Water Management Group Proposition 1 funding. Valley Water has recently entered a sub-agreement with the Santa Cruz Resource Conservation District on the grant administration and will use this grant funding to develop the pilot Flood-MAR program.

#### *Rebate Programs*

Valley Water launched Rainwater Capture rebates under its Landscape Rebate Program on January 1, 2019, to expand eligible projects to include rebates for rain barrels, cisterns, and rain gardens. The program rebate amounts are as follows: \$35 per qualifying rain barrel installed to collect rainwater from existing downspouts; \$0.50 per gallon for diverting existing downspouts to qualifying cisterns; and \$1 per square foot of roof area diverted (up to \$300 per site) into an installed rain garden to collect roof water runoff. Cities of Cupertino, Milpitas, Morgan Hill, and Santa Clara, as well as San José Municipal Water Services, have or currently cost-share with Valley Water to increase Rainwater

Capture rebate amounts.

Through April 2025, the program has supported the installation of 772 rain barrels, 61 cisterns, and 118 rain gardens. The rain gardens filter and percolate water from over 78,000 square feet of roof surface. More details on the program can be found at Valley Water's website under the Droplet Portal Overview page.

#### **ENVIRONMENTAL JUSTICE AND EQUITY IMPACT:**

Environmental justice and equity impact on EJ population are expected/likely to result from the implementation of the No Regrets Package to achieve 2040 Goals. The package aims to balance cost and benefit; the benefits and the impact/mitigation strategies on disadvantaged communities are discussed in greater detail below.

Water conservation offers a range of environmental justice benefits by promoting equitable access to clean water, reducing pollution, protecting ecosystems, mitigating climate change, saving costs for vulnerable communities, enhancing drought resilience, and empowering residents with knowledge and skills for sustainable water use. Valley Water provides such water conservation information in multiple languages and via various outreach techniques to reach all members of our community.

Valley Water acknowledges that during drought, disadvantaged communities may be disproportionately impacted. To address these impacts, Valley Water promotes access to equitable and affordable water supplies (Water Supply Goal 2.6). Valley Water offers specific programs, such as the Lawn Busters program to provide water-efficient landscapes to low-income, elderly, disabled, or veteran homeowners and schools within disadvantaged communities.

#### **ATTACHMENTS:**

Attachment 1: PowerPoint  
Attachment 2: 2017 No Regrets Table  
Attachment 3: Water Conservation Flyer

#### **UNCLASSIFIED MANAGER:**

Kirsten Struve, 408-630-3138

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# No Regrets Package Implementation

Presented by: Metra Richert, Water Supply Planning & Conservation Manager  
Water Supply and Demand Management Committee – June 23, 2025

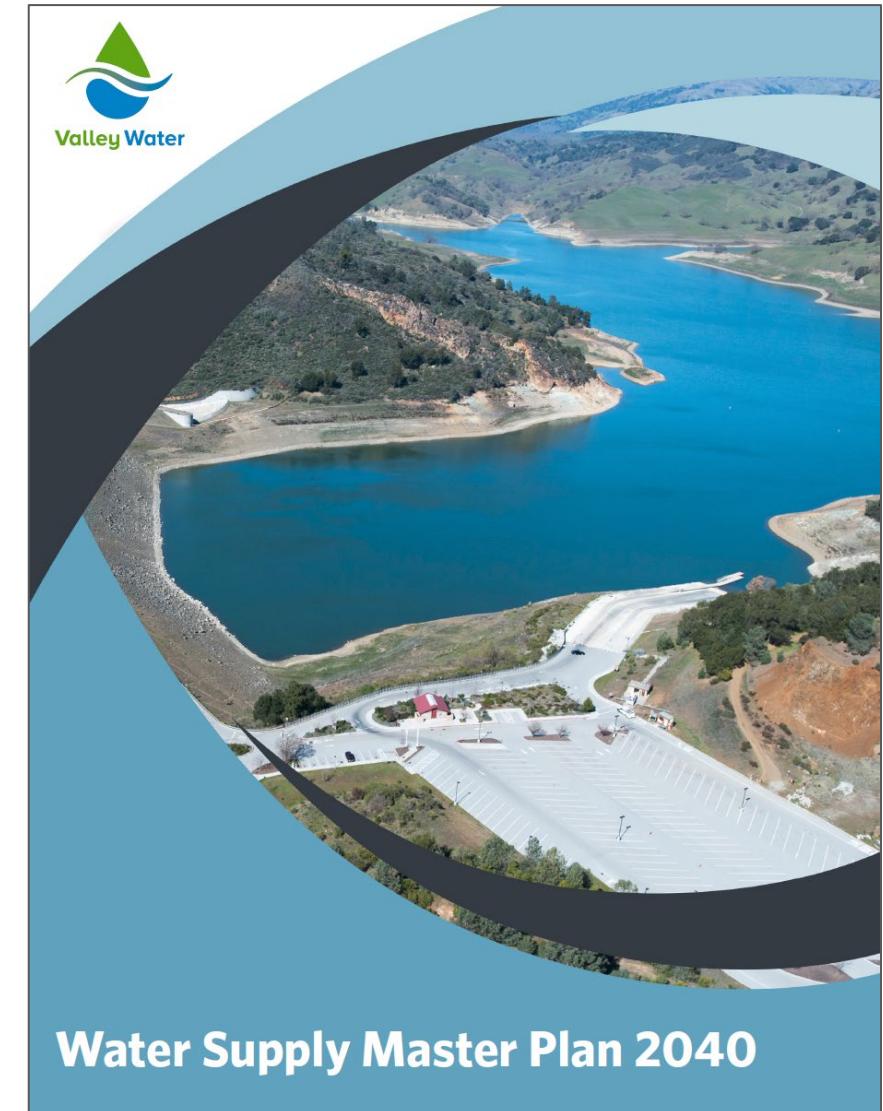
# Water Supply Master Plan

Guiding document for long-term  
water supply investments

Major update every five years

“No regret” package part of Water  
Supply Master Plan 2040

Approved by the Board in 2017



# No Regrets Package

3

An investment of \$100 million to provide 11,000 acre-feet of water supply savings at a unit cost of about \$400 acre-foot

Menu of conservation and stormwater capture projects

1. Advanced Metering Infrastructure
2. Leak Repair Incentives
3. Graywater Rebate Program Expansion
4. Model Water Efficiency New Development Ordinance
5. Stormwater Capture

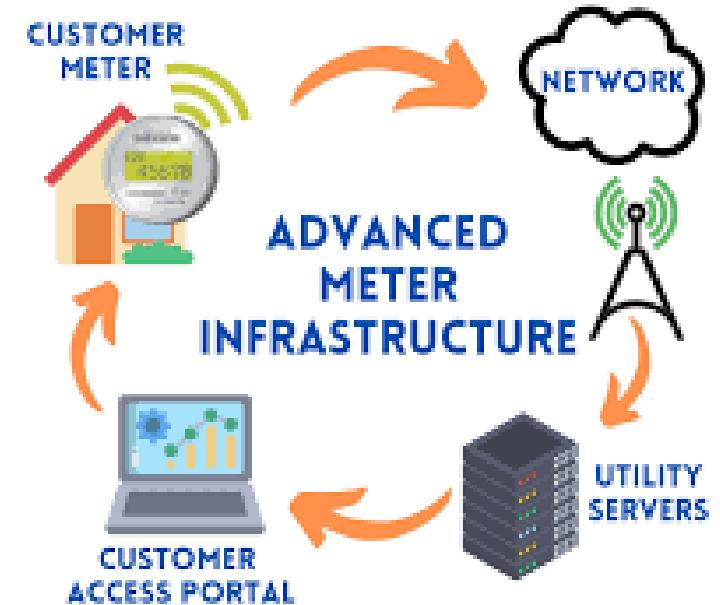
# Advanced Metering Infrastructure (AMI)

4

## Advanced Metering Infrastructure (AMI)

- City of Milpitas
- City of Morgan Hill
- City of Gilroy
- City of Palo Alto
- Purisima Hills Water District
- San Jose Water Company
- City of Mountain View (under development)

### HOW DOES AMI WORK?



# Leak Repair Incentives

Research showed the need for a leak certification or certificate program to provide professionals with the necessary skills to identify and repair leaks

- Conducting comprehensive research to establish a training framework
- Finalizing contract with CalWEP to launch region's first leak detection and repair training program facilitated by the International Association of Plumbing and Mechanical Officials (IAPMO).

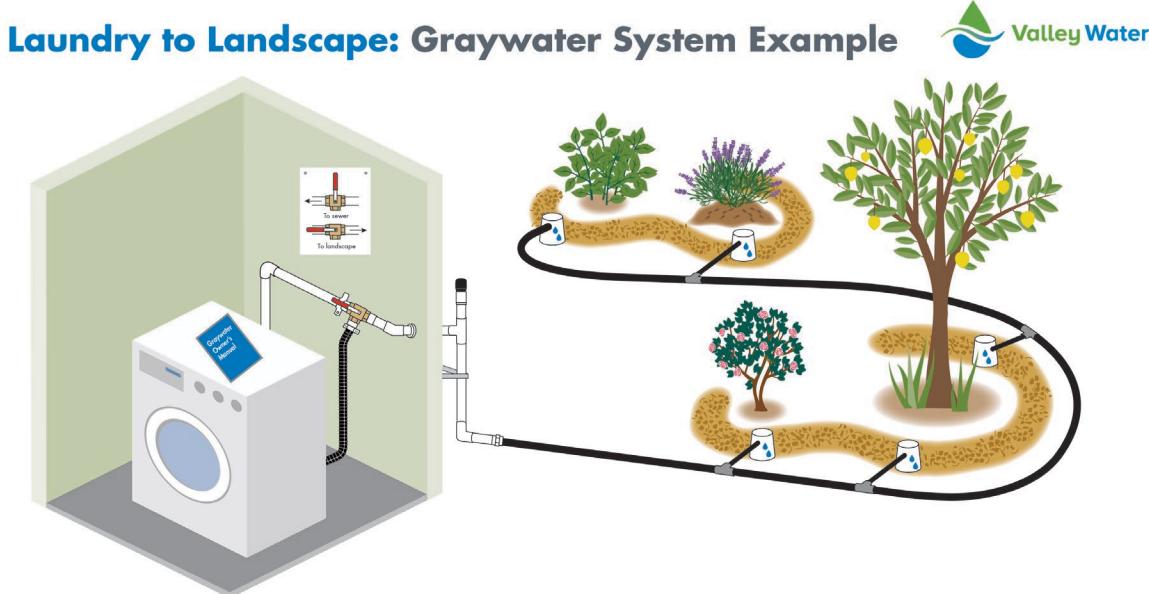
# Graywater Rebate Program Expansion

6

The 2025 marketing campaign focused on past Water Wise Outdoor Survey and Landscape Rebate Program participants.

Issued a total of 154 rebates

**Laundry to Landscape: Graywater System Example**



This diagram is not drawn to scale and is provided for reference purposes only. It is your responsibility to properly design, install, maintain, and use your laundry to landscape graywater system (graywater system). If you are unsure of the intricacies of your plumbing system or how to properly design or install a graywater system, please consult with a professional. Valley Water does not accept any liability and responsibility for any direct, special, indirect or consequential loss or damage whatsoever arising out of or in connection with providing you with access to this diagram.

# Model Water Efficiency New Development Ordinance (MWENDO)

- The City of Santa Clara adopted, and the City of San Jose is considering adoption
- Developed in 2015 through a collaboration of various Santa Clara County organizations
- Intended to ensure water use efficiency in new developments
- Designed to be customizable depending on cities' needs
- Every jurisdiction in the county has been approached
- Updated the ordinance to reflect the latest Title 24 updates, water conservation reach code best practices, and Valley Water ordinance

# Stormwater Capture

Support centralized and decentralized projects from Stormwater Resources Plans

Focusing on decentralized capture:

- Rain barrels
- Cisterns
- Rain gardens
- Flood-Managed Aquifer Recharge (Flood-MAR)



GSI projects from the Santa Clara Basin Plan. Green areas are GSI sites, yellow areas are green streets.

# Stormwater Capture Rebates

Cisterns: 61 installed; ~ 57,000 gallons

Rain Barrels: 772 installed

Rain gardens: 118 rebates from ~78,000 sq ft of roof surface

Education: Valley Water-led webinar on rainwater capture had 57 participants.



Rain Garden

9

# Flood-MAR

Completed a pre-feasibility study in 2021

Secured \$350k grants to begin developing a pilot Flood-MAR program structure at Valley Water



10

## 2017 No Regrets Table

### 2017 Water Supply Master Plan - Project and Program Descriptions (as of September 2017)

#### Projects and Programs Currently Being Considered for Inclusion in the 2017 Water Supply Master Plan

No Regrets Package:	Average Annual Yield (AFY) <sup>1</sup>	Present Value District Cost (2017)	Cost/AF
All the portfolios under consideration include the following 9 water conservation and stormwater projects.	Total: 11,000	Total: \$100 million	\$400
<u>Advanced Metering Infrastructure (AMI)</u> : Implements a cost share program with retailers to replace current meters with AMI. AMI would alert customers of leaks and provide real-time water use data.	4,000	\$26 million	\$200
<u>Graywater Rebate Program Expansion</u> : Expands existing District rebates for the installation of graywater systems that reuse laundry, shower, and sink water. The rebates would be for residential sites and certain applicable commercial sites.	< 1,000	\$1 million	\$2,200
<u>Leak Repair Incentive</u> : Incentivizes homeowners to repair leaks.	< 1,000	\$2 million	\$7,800
<u>New Development Model Ordinance</u> : Encourages municipalities to adopt an ordinance for enhancing water efficiency standards in new and retrofitted developments. Potential components include submetering multi-family residences, onsite water reuse (rainwater, graywater, black water), and point-of use hot water heaters.	5,000	\$1 million	\$100
<u>Stormwater - Agricultural Land Recharge</u> : Constructs a recharge pond on a South County agricultural parcel that would receive water either from roadside ditches or adjacent hillslopes.	< 1,000	\$14 million	\$1,000
<u>Stormwater - Rain Barrels</u> : Provides rebates for the purchase of a rain barrels.	< 1,000	\$36 million	\$15,100
<u>Stormwater - Rain Gardens</u> : Initiates a District rebate program to incentivize the construction of rain gardens in residential and commercial landscapes.	< 1,000	\$14 million	\$2,800
<u>Stormwater - San Jose</u> : Constructs a stormwater infiltration system in San Jose. Assumes 5 acres of ponds. Potential partnership with the City of San Jose.	1,000	\$4 million	\$100
<u>Stormwater - Saratoga</u> : Constructs a stormwater infiltration system in Saratoga. Assumes 5 acres of ponds. Assumes easement rather than land purchase. Close to Stevens Creek Pipeline, so could also potentially be used a percolation pond.	< 1,000	\$4 million	\$1,100

<sup>1</sup> The average annual yield of many projects depends on which projects they are combined and the scenario being analyzed. For example, groundwater banking yields is higher in portfolios that include wet year supplies. Similarly, they would be lower in scenarios where demands exceed supplies and excess water is unavailable for banking.

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# Water Conservation Rebates and Programs



Valley Water

## Say YES to Saving Water!

Valley Water's water conservation rebates and programs are designed to make water conservation easier, helping you say YES to saving water. Learn more about all of our conservation programs and resources by visiting [watersavings.org](http://watersavings.org).

## Online Shopping Cart

Valley Water offers free water conservation devices that can help you save water. You can request free water efficient devices and free resources to evaluate your water use efficiency. Visit [cloud.valleywater.org/shopping-cart](http://cloud.valleywater.org/shopping-cart) to order your FREE gear and literature today!

## Landscape Rebate Program

The Landscape Rebate Program can help you create beautiful drought resilient landscapes. Get started by finding more information at [valleywater.dropletportal.com](http://valleywater.dropletportal.com). Make sure you submit an online application for approval and schedule a pre-inspection **before beginning any work** on your project.



*A converted low-water use garden featuring California poppies in bloom.*

### ▪ Rebate Caps

The following landscape rebate site caps apply to the combined program components, including Landscape Conversion, Large Landscape Lawn to Mulch, Irrigation Equipment Upgrade and Rainwater Catchment.

- \$3,000 for single-family or multi-family residential properties (4 or fewer units)
- \$100,000 for all commercial, industrial, institutional properties or multi-family residential properties (5 or more units)

#### Rebate rates and caps may be higher in some areas.

Other programs are capped separately.

### ▪ Landscape Conversion

Any property with qualifying high-water using landscapes (i.e., lawn or functional swimming pools) can receive a rebate of at least \$2 per square foot (sq. ft.) for converting to a drought resilient landscape.

### ▪ Large Landscape Lawn to Mulch

Any commercial, industrial, institutional properties or multi-family residential properties can receive a rebate of at least \$1 per sq. ft. for converting a qualifying lawn to a minimum of 3 inches of mulch (minimum 15,000 sq. ft. lawn area). The irrigation system watering any trees in the converted lawn area needs to be converted to a low-flow irrigation system. Golf course options are offered.

### ▪ Irrigation Equipment Upgrade

Rebates are offered for replacing old, inefficient irrigation equipment with new, qualifying high-efficiency equipment, including:

- High-efficiency nozzles (up to \$5 each)
- Rotor sprinklers or spray bodies with pressure regulation and or check valves (up to \$20 each)
- Rain Sensors (up to \$50)
- Flow sensors, hydrometers, and dedicated landscape meters (up to \$1,000)
- Smart irrigation controllers (up to \$300-\$2,000 each)
- Sprinkler to In-Line Drip Conversion (\$0.25 per sq. ft.)

### ▪ Rainwater Capture

Rainwater capture or diversion projects collecting rainwater from existing downspouts can receive rebates for the following:

- Rain barrels up to 199 gallons (up to \$35 per barrel)
- Cisterns 200 gallons or more (\$0.50 per gallon)
- Rain gardens (\$1 per sq. ft. of roof area diverted, up to \$300)

## Graywater Rebate Program

Receive at least \$200 per home for transforming your clothes washer into a graywater system. Plants don't need drinking water to thrive: reuse graywater in your yard! Apply online and find how-to videos at [watersavings.org](http://watersavings.org). No pre-inspection is required but **wait for approval before beginning any work**.

## Landscape Surveys

Request to have your landscape and irrigation system surveyed by a trained irrigation professional for FREE. Following the survey, the specialist will provide you with a customized report, outlining any apparent leaks or inefficiencies, suggestions for irrigation scheduling, and recommendations for money-saving landscape rebates. Whether your landscape is small or large, we have a program to fit your needs.

### ▪ Water Wise Outdoor Survey Program

A Water Wise Outdoor Survey is for landscapes at single-family, small commercial, industrial, institutional properties or multi-family residential sites up to half an acre. To get started, have a recent copy of your water bill on hand and submit a request at [valleywater.org/outdoor-survey](http://valleywater.org/outdoor-survey).

Call **408-630-2000** or email [waterwise@valleywater.org](mailto:waterwise@valleywater.org) with questions. If you are a customer of San Jose Water Company, please contact them directly to schedule a CATCH survey at **408-279-7900** or [customer.service@sjwater.com](mailto:customer.service@sjwater.com).

### ▪ Large Landscape Program

A Large Landscape Survey is for landscapes at commercial, industrial, institutional properties or multi-family residential common areas with over half an acre. Also, free landscape water budgets are available for some properties, which compare your actual irrigation use to a property specific budget. Visit [waterfluence.com](http://waterfluence.com) to see if your property already receives this free benefit. Request a survey at [watersavings.org](http://watersavings.org).

## Commercial and Facility Rebates

Receive up to \$100,000 for replacing or updating equipment with water-efficient technology that results in measurable water savings. This custom rebate based on the measured amount of water saved is available to qualifying facilities including facilities like businesses, schools, hospitals and government buildings. The rebate is \$4 per 100 cubic ft. of water saved per year, or 100% of the project cost (excluding labor and taxes), whichever is less.

## CONTACT US

To find out the latest information on Valley Water projects or to submit questions or comments, use our **Access Valley Water** customer request system at [access.valleywater.org](http://access.valleywater.org).

### FOLLOW US



scvwd

valleywater

valleywater

Join our mailing list:  
<https://delivr.com/2uz9z>

## Fixture Replacement Program

Replace old qualifying fixtures for FREE! Inefficient fixtures can be replaced for free by licensed plumbers at qualifying commercial, industrial, institutional properties or multi-family residential properties. Inefficient fixtures that qualify include toilets, urinals, showerheads, faucet aerators, and pre-rinse spray valves. Sign up at [blusinc.com](http://blusinc.com), call **800-597-2835**, or [customerservice@blusinc.com](mailto:customerservice@blusinc.com).

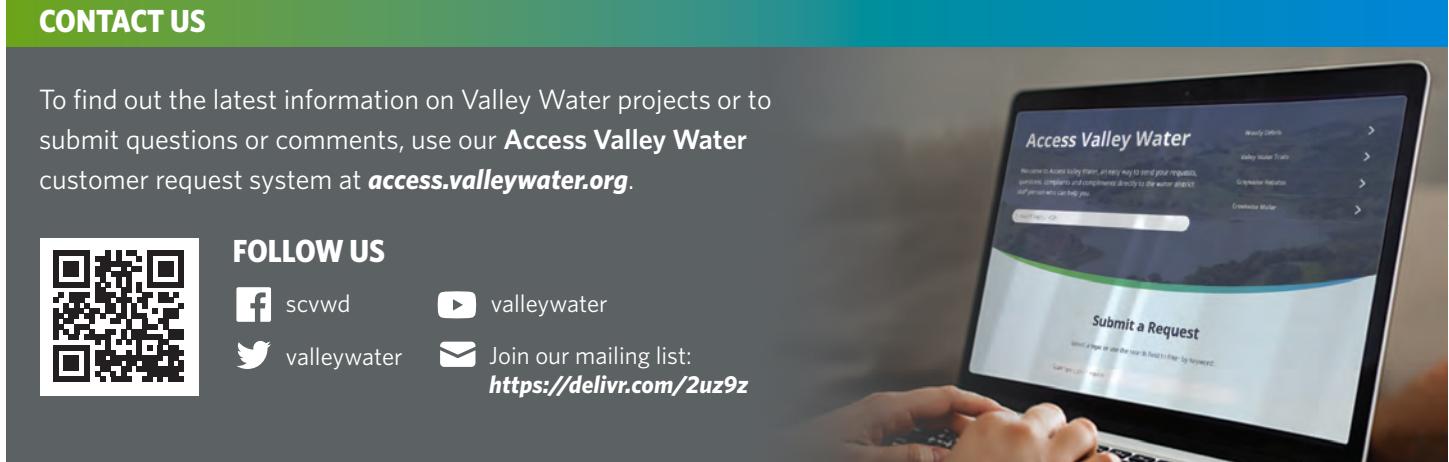
## Submeter Rebate Program

Submeters can save 10-30% of water used! Received at least \$150 per installed water submeter by upgrading from a single meter. Accessory dwelling units (ADUs or granny units), mobile home parks, apartments, and condominium complexes can qualify. There is no rebate cap when all eligibility requirements are met.

## Report Water Waste

Help local residents and businesses preserve our shared water supply by confidentially reporting water waste and violations of outdoor water-use restrictions. Any specific notes like location, date and time, or frequency will help our inspectors follow up. To report water waste, you may do one of the following:

- Use our Access Valley Water app (by downloading or using the QR code)
- Email [waterwise@valleywater.org](mailto:waterwise@valleywater.org)
- Call **408-630-2000**





# Santa Clara Valley Water District

File No.: 25-0443

Agenda Date: 6/23/2025

Item No.: 4.2.

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## COMMITTEE AGENDA MEMORANDUM

### Water Supply and Demand Management Committee

Government Code § 84308 Applies: Yes  No   
(If "YES" Complete Attachment A - Gov. Code § 84308)

#### **SUBJECT:**

Receive information on the Sites Reservoir Project.

#### **RECOMMENDATION:**

Receive and discuss information on the Sites Reservoir Project.

#### **SUMMARY:**

The Sites Reservoir Project (Project) is a proposed 1.41 million acre-foot (AF), off-stream reservoir that would be located north of the Delta approximately 10 miles west of the town of Maxwell in Colusa County. The Project is designed to divert excess flows on the Sacramento River during storms and store it in Sites Reservoir, which can then be released to provide water supply during dry years. In addition to providing water supply for Project participants, the Project will provide public benefits including environmental water supply, recreation facilities, and regional flood benefits. Current members of the Sites Project Authority (Authority) and Reservoir Committee (Participants) include both Central Valley Project (CVP) water agencies north of the Delta and State Water Project (SWP) water agencies south of the Delta. There is also state and federal participation in the Project through the California Department of Water Resources (DWR) and U.S. Bureau of Reclamation (Reclamation). The Project is one of several investment options evaluated in the Water Supply Master Plan 2050 (WSMP) planning process to help ensure water supply reliability.

The Project is currently fully subscribed and has a waitlist of new agencies interested in joining the Project and existing Participants interested in increasing their participation level. In addition, Reclamation has requested to increase its participation level from 9% to 16%. Valley Water currently has a 0.2% participation level in the Project. In June 2022, Valley Water requested to be placed on the waitlist to have the opportunity to consider increasing participation up to a maximum of 2.7% participation level.

#### **Project Schedule & Milestones**

The Project has made significant progress since the last update to the Water Supply and Demand Management Committee in June 2024. Progress on key items is summarized below.

- The Project is seeking a new water right and has been progressing through the water right

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hearing process with the State Water Resources Control Board (State Board), with the completion of closing briefs expected in June 2025. The State Board is expected to issue its final decision sometime in Fall 2025.

- The Project received an Incidental Take Permit (ITP), which provides for California Endangered Species Act coverage, in October 2024.
- The Authority successfully defended two legal challenges to the Project's Environmental Impacts Report (EIR) which was certified in November 2023. The Yolo County Superior Court and the Court of Appeals found that the Project fully complied with the California Environmental Quality Act (CEQA) in its development of the EIR.
- The Project has begun the process of bringing on a Construction Manager at Risk (CMAR) to serve as a construction manager and general contractor, who will also provide input on the remaining aspects of design.
- The Authority has purchased several key properties where the Golden Gate Dam and associated facilities will be located. Early acquisition of these key properties will help prevent delays in starting construction.

There are several upcoming milestones that the Project anticipates over the next year as the Project moves towards construction, including:

- Updated project benefits modeling anticipated Summer 2025
- Completed Water Rights Process anticipated September 2025
- Updated cost estimate and plan of finance anticipated Fall 2025
- Finalized Benefits & Obligations Contract anticipated Fall 2025
- Investor Commitment Period (final participation decision window) planned for November 2025 through May 2026
- Construction groundbreaking anticipated late 2026

## Project Costs

The current project cost estimate is \$3.9 billion in 2021 dollars, not including financing costs. This estimate includes anticipated costs for environmental mitigation and other non-construction costs including permitting, real estate, and engineering. The Project is expected to provide an updated potential cost range in June and to release an updated cost estimate in Fall 2025, prior to the start of the Investor Commitment Period.

If Valley Water continues to participate in the Project, its share of costs and water supply benefits would depend on its participation level. Under the current cost estimate, Valley Water's share of

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capital costs is approximately \$10 million at our existing 0.2% participation level (3,117 AF storage capacity). At the maximum waitlisted participation level of 2.7% (37,400 AF storage capacity), Valley Water's share of capital costs would be approximately \$142 million.

An updated plan of finance is also anticipated in Fall 2025 alongside the updated project cost estimate. The plan of finance is expected to include a Water Infrastructure Finance and Innovation Act (WIFIA) loan which would provide low interest financing for participating water agencies for up to 49% of the Project costs. The Authority applied for a WIFIA loan in 2023 and has been working with the U.S. Environmental Protection Agency (EPA) to secure the WIFIA loan terms.

As of May 2025, the Project has secured \$875 million in State funding through the Proposition 1 Water Storage Investment Program (WSIP) and \$780 million in federal funding in order to cover the State's and Reclamation's participation in the Project, respectively.

### **Next Steps**

As the Project moves towards the Investor Commitment Period, Valley Water staff will be analyzing the Project's costs, benefits, risks, and participation terms in preparation for making a recommendation to the Board on our final participation decision through the adaptive management process of the WSMP 2050. Staff are also exploring opportunities to partner with other participants to potentially increase our participation if analyses indicate that increased participation is beneficial. Staff anticipate returning to this Committee frequently over the remainder of 2025 to provide updates as new Project information becomes available.

### **ENVIRONMENTAL JUSTICE AND EQUITY IMPACT:**

There are no environmental justice and equity impacts associated with this item.

### **ATTACHMENTS:**

Attachment 1: PowerPoint

### **UNCLASSIFIED MANAGER:**

Vincent Gin, 408-630-2633

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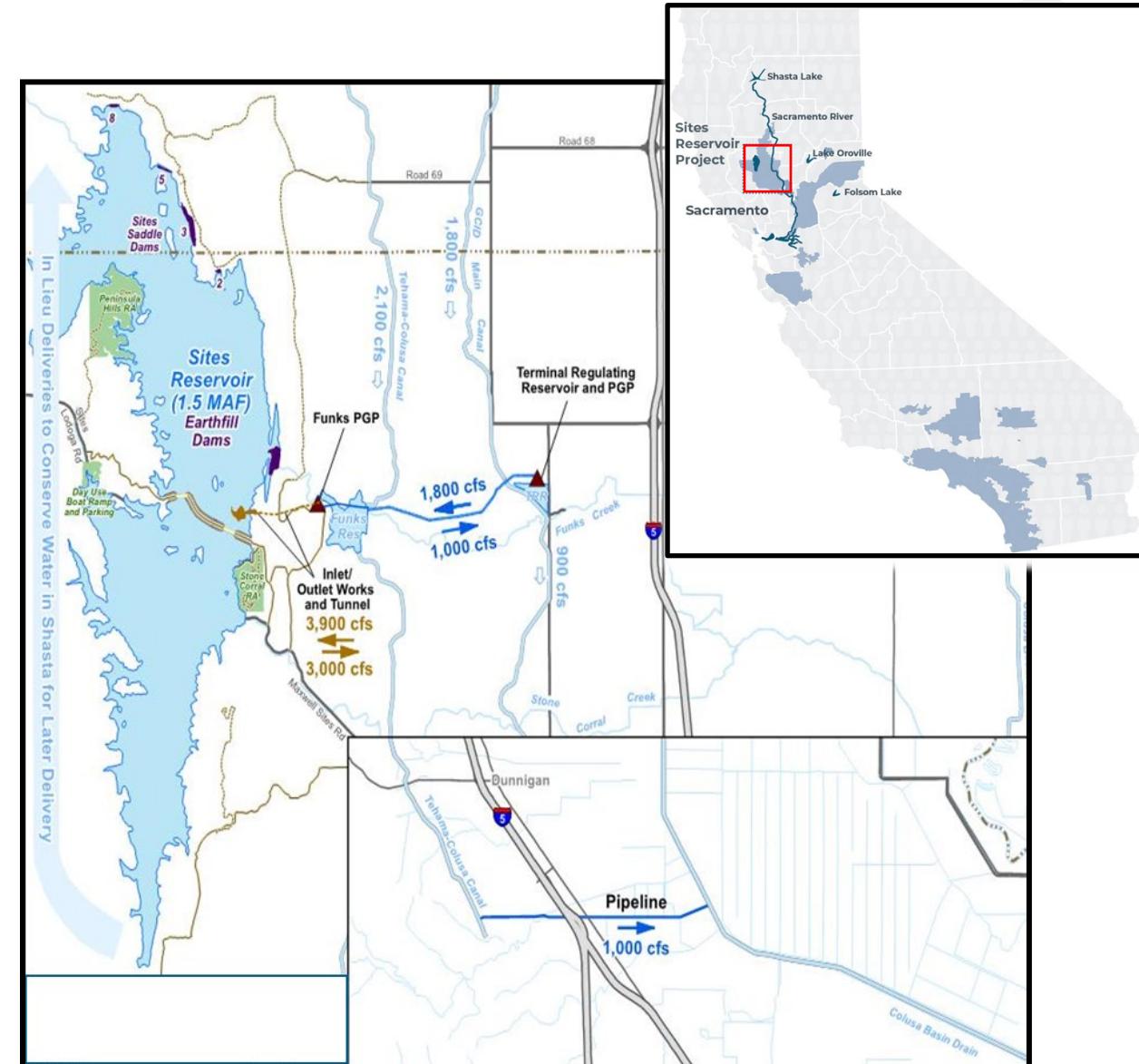


# Sites Reservoir Project Update

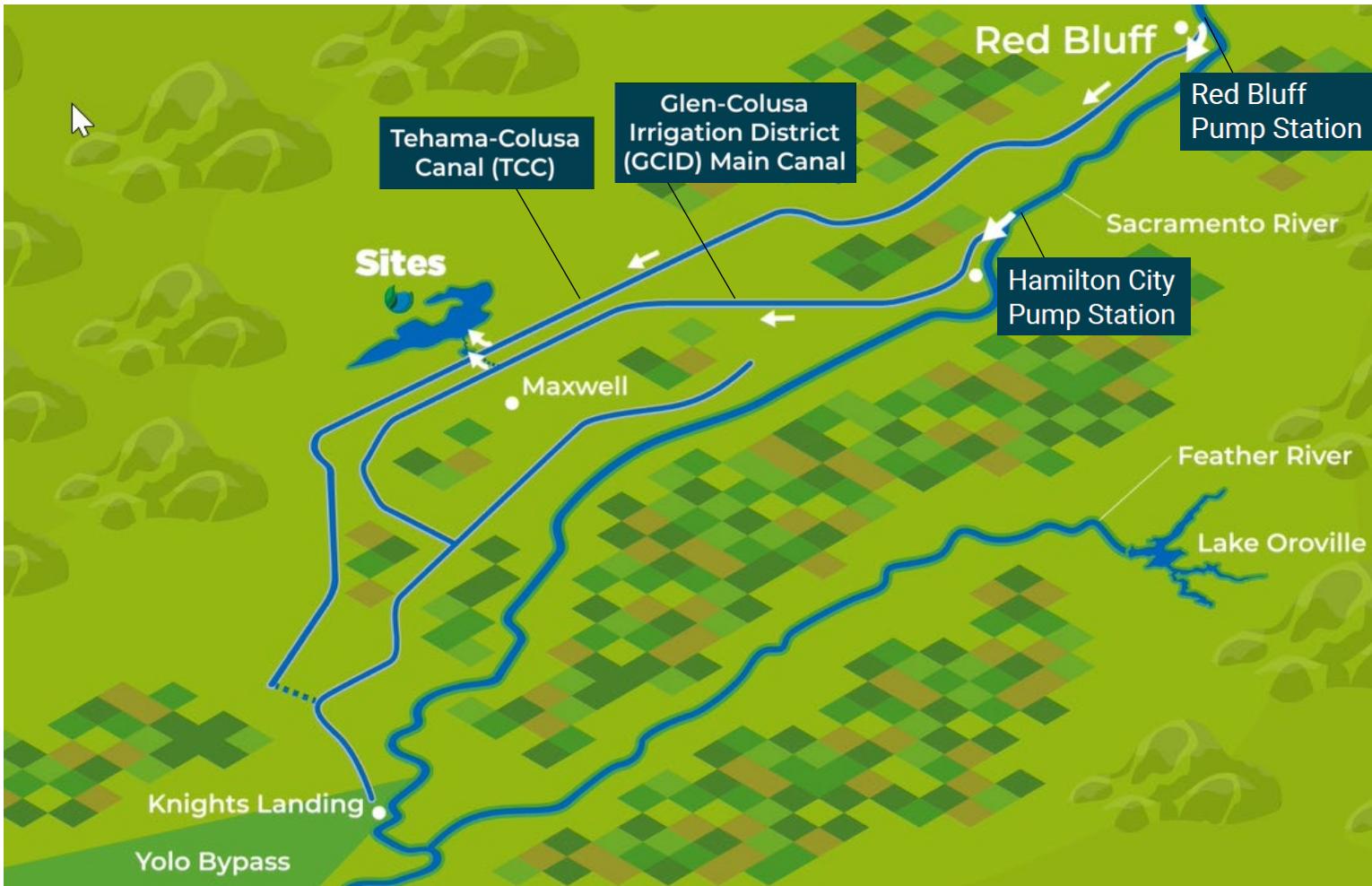
Water Supply and Demand Management Committee, June 23, 2025

# Project Overview

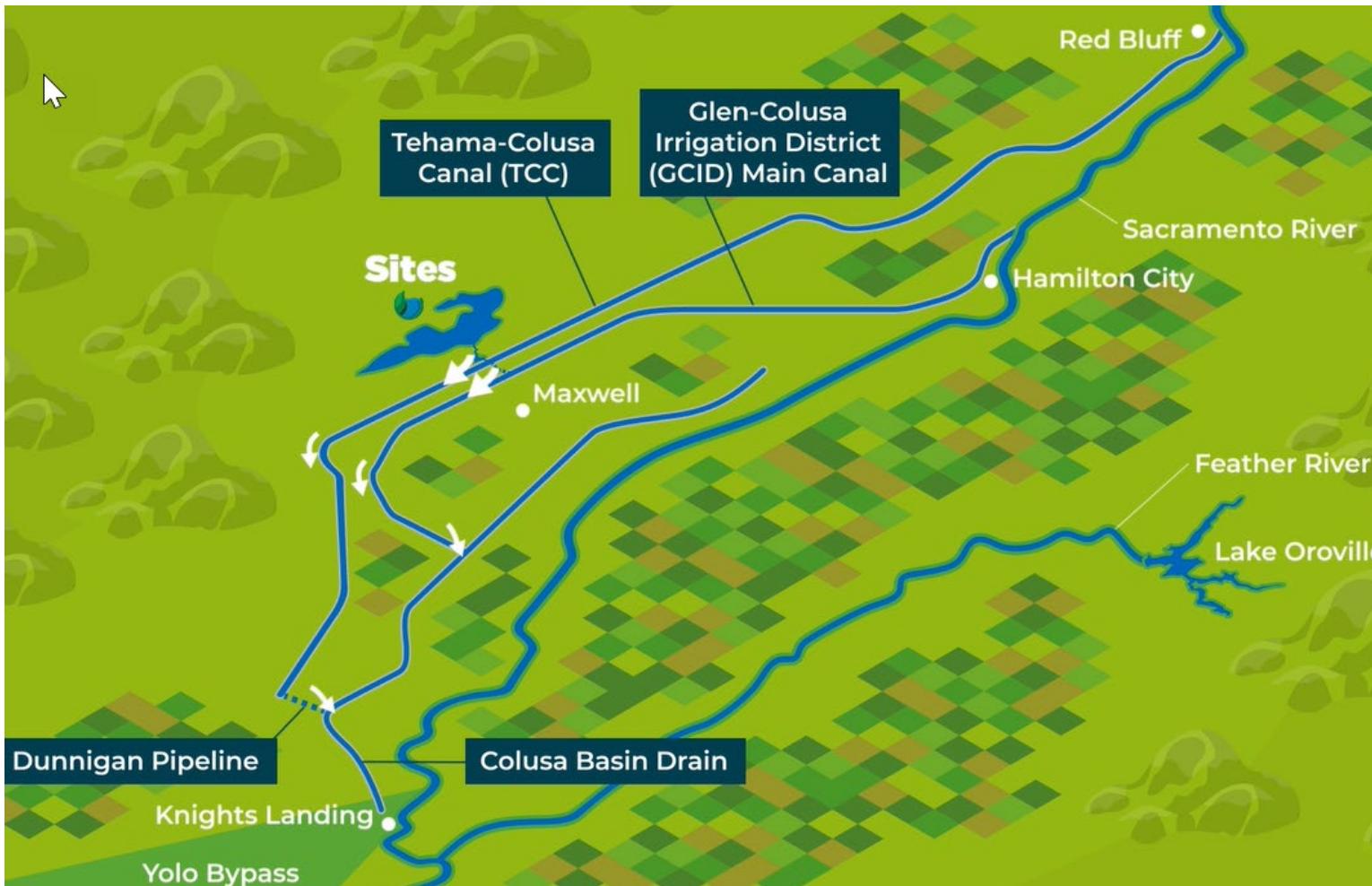
- 1.41 MAF Off-Stream Reservoir
- Diverts and stores excess flows from winter storms
- Project is fully subscribed
  - State and Federal participation
  - 22 Local Agencies (including VW)
- Waitlist to Join the Project



# Operations Overview - Diversions



# Operations Overview - Releases



# Project Benefits



## Off-stream Storage

Does not create a barrier to native fish migration



## Federal and State Agencies Manage Environmental Water

Adaptable to current and future conditions and priorities



## Local Leadership and Cooperation

Aligns with Sacramento Valley's values and fosters regional and statewide collaboration



## Recreational Opportunities

Provides northern Sacramento Valley with additional opportunities for recreation



## Cooperative Operation

Increases effectiveness and efficiency of existing water storage infrastructure



## Adaptable to Climate Change

Contributes to system reliability and performance with climate change



## Dry Year Water Supply

Reliable dry year water supply for California communities, farms, and businesses



## Environmental Support

Provides environmental water in drier periods for native fish, and habitat for native species and birds

# Project Milestones

6

- Water rights hearing process nearly complete
- Received Incidental Take permits for construction and operations
- Courts found Sites EIR to fully comply with CEQA
- Begun process of bringing on Construction Manager at Risk
- Purchased key properties around Golden Gate Dam

# Upcoming Project Milestones

7

- Summer 2025 – Updated project benefits modeling
- September 2025 – SWRCB Water Right decision
- Fall 2025 – Updated cost estimate and plan of finance
- Fall 2025 – Finalized Benefits & Obligations Contract
- November 2025 to May 2026 – Investor Commitment Period
- Late 2026 – Begin construction

# Valley Water Benefits & Costs

- Potential cost range expected June 2025
- Fully updated cost estimate expected Fall 2025
  
- Staff currently evaluating preferred participation level

	0.2% Participation (Existing Level)	2.7% Participation (Maximum Waitlisted Level)
Storage Allocation (AF)	3,114	37,400
Dry Year Annual Yield (AF)	770	9,250
Capital Costs (\$2023)	\$10 Million	\$142 Million
Estimated Annual O&M Costs (\$2023)	\$48,000	\$641,000

# Expected Schedule\*

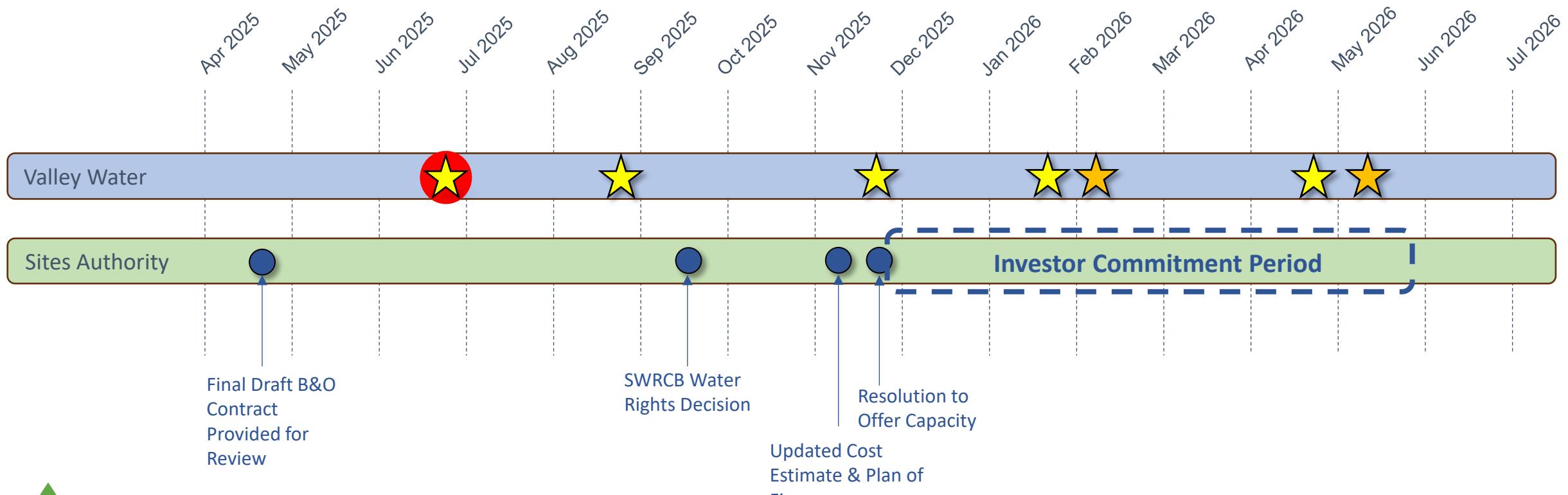
\* Schedule subject to change

Yellow star = WSDMC  
Yellow star = Full Board

## Upcoming Topics

- Project Benefits & Risks
- Project Governance & Terms of Participation
- Updated Cost Estimate & Financing
- Participation Funding Information
- Participation Action Item

9



# QUESTIONS





# Santa Clara Valley Water District

File No.: 25-0548

Agenda Date: 6/23/2025

Item No.: 4.3.

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## COMMITTEE AGENDA MEMORANDUM Water Supply and Demand Management Committee

Government Code § 84308 Applies: Yes  No   
(If "YES" Complete Attachment A - Gov. Code § 84308)

### **SUBJECT:**

Review and Discuss the Water Supply and Demand Management Committee (WSDMC) Work Plan and Upcoming Discussion Items.

### **RECOMMENDATION:**

Review and discuss the WSDMC Work Plan and upcoming discussion items.

### **SUMMARY:**

Under direction of the Clerk, Work Plans are used by Board Committees to increase Committee efficiency, provide increased public notice of intended Committee discussions, and enable improved follow-up by staff. Work Plans are dynamic documents managed by Committee Chairs and are subject to change.

### **ENVIRONMENTAL JUSTICE AND EQUITY IMPACT:**

The Committee's Work Plan is not subject to environmental justice and equity impact analysis.

### **ATTACHMENTS:**

Attachment 1: 2025 WSDMC Work Plan

### **UNCLASSIFIED MANAGER:**

Candice Kwok-Smith, 408-630-3193.

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# Water Supply and Demand Management Committee 2025 WORKPLAN

Task	Agenda Item	January	February	March	April	May	June	July	August	September	October	November	December
<b>FY 25 Drought Preparation</b>													
1.1	Drought Response Plan												
<b>FY 23 WSMP Strategy 1: Secure Existing Supplies - 99,000 AF Conservation by 2030</b>													
2.1	Water Conservation Savings Model/Annual Water Conservation Savings												
2.2	Water Conservation as a Way of Life recommendations (including water waste restrictions)												
2.3	New Programs (Lawn Busters, Pilot programs, landscape design assistance, demonstration garden, + affordability discussion/supporting underserved communities)												
2.5	SCW Funding (LRP & Demo Garden)												
2.6	Collaboration with Retailers+outreach, including Renters/Landlords												
2.7	Water Use Demand, Elasticity, and Rate Affordability Study												
<b>FY 24 WSMP Strategy 2: Increase Water Conservation (109,000 AF) and Stormwater Capture (1,000 AF) by 2040</b>													
3.1	Investments in no-regrets package, including stormwater resource plan												
3.2	Stormwater Capture/ FloodMAR												
3.3	Find opportunities to ensure new development has improved water wise features (MWENDO, land use coordination)												
<b>FY 24 WSMP Strategy 3 Optimize the Use of Existing Supplies and Infrastructure (SGMA/groundwater management and storage projects)</b>													
4.1	Sustainable Groundwater Management Act (SGMA) - annual update												
4.2	South County Recharge												
4.3	Los Vaqueros Reservoir Expansion Project												
4.4	Sites Reservoir Expansion												
4.5	BF Sisk Dam Raise												
4.6	Groundwater Banking Opportunities												
4.7	Semitropic Groundwater bank												
4.8	Pacheco Reservoir Expansion Project												

\*Red item added.

✗ - Item Moved or Deleted

June 23, 2025 WSDMC Meeting

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