



Santa Clara Valley Water District Recycled Water Committee Meeting

HQ. Bldg. Boardroom, 5700 Almaden Expressway, San Jose, California
Join Zoom Meeting: <https://valleywater.zoom.us/j/99518153521>

REGULAR MEETING AGENDA

**Wednesday, February 26, 2025
12:00 PM**

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

RECYCLED WATER COMMITTEE

Tony Estremera - District 6, Chair
Richard P. Santos - District 3, Vice Chair
Jim Beall - District 4, Member

During the COVID-19 restrictions, all public records relating to an open session 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 to the public through the legislative body agenda web page 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 participate in the legislative body's meeting. Please advise the Clerk of the Board Office of any special needs by calling (408) 265-2600.

KIRSTEN STRUVE
Committee Liaison

NICOLE MERRITT
Assistant Deputy Clerk II
Office/Clerk of the Board
(408) 630-3262
nmerritt@valleywater.org

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

**Santa Clara Valley Water District
Recycled Water Committee
REGULAR MEETING
AGENDA**

Wednesday, February 26, 2025

12:00 PM

HQ. Bldg. Boardroom, 5700 Almaden
Expressway, San Jose, California

Join Zoom Meeting:

<https://valleywater.zoom.us/j/99518153521>

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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.

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- 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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Join Zoom Meeting:

<https://valleywater.zoom.us/j/99518153521>

Meeting ID: 995 1815 3521

Join by Phone:

1 (669) 900-9128, 99518153521#

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.

- 2.1. Election of 2025 Recycled Water Committee Chairperson and Vice Chairperson. [25-0150](#)
Recommendation: Nominate and elect the 2025 Recycled Water Committee Chairperson and Vice Chairperson.
Manager: Candice Kwok-Smith, 408-630-3193
Est. Staff Time: 5 Minutes

3. APPROVAL OF MINUTES:

- 3.1. Approval of December 13, 2024 Recycled Water Committee Minutes. [25-0151](#)
Recommendation: Approve the minutes
Manager: Candice Kwok-Smith, 408-630-3193
Attachments: [Attachment 1: 12132024 RWC Meeting Minutes](#)
Est. Staff Time: 5 Minutes

4. REGULAR AGENDA:

- 4.1. Receive Purified Water Program Update including Partnership with Cities of San Jose and Santa Clara. [25-0028](#)
Recommendation: Receive an update on the following topics:
A. Update on Phase I Facility and Full-Scale Direct Potable Reuse (DPR) Facility at the Silicon Valley Advanced Water Purification Center
B. DPR Engagement Efforts; and
C. Ongoing Outreach Activities
Manager: Kirsten Struve, 408-630-3138
Est. Staff Time: 5 Minutes
- 4.2. Receive South Santa Clara County Reuse Collaboration Update and Provide Feedback. [25-0132](#)
Recommendation: Receive an update and provide feedback on South County water reuse collaboration and implementation.
Manager: Kirsten Struve, 408-630-3138
Attachments: [Attachment 1: PowerPoint](#)
Est. Staff Time: 5 Minutes
- 4.3. Receive the Desalination Engineering Feasibility Study Update. [25-0133](#)
Recommendation: Receive an update on Desalination Engineering Feasibility Study.
Manager: Kirsten Struve, 408-630-3138
Est. Staff Time: 5 Minutes

- 4.4. Receive and Accept the 2025 Proposed Recycled Water Committee (RWC) Work Plan, and Provide Feedback on Upcoming Discussion Items, and the 2025 RWC Meeting Schedule.

[25-0152](#)

Recommendation: Receive and accept the 2025 Proposed RWC Work Plan, and provide feedback on upcoming discussion items and the 2025 RWC meeting schedule.

Manager: Candice Kwok-Smith, 408-630-3193

Attachments: [Attachment 1: 2024 RWC Work Plan](#)
[Attachment 2: 2025 Proposed RWC Work Plan](#)
[Attachment 3: 2025 RWC Meeting Schedule](#)

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 to Regular Meeting at 12:00 p.m., on March 26, 2025.

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Santa Clara Valley Water District

File No.: 25-0150

Agenda Date: 2/26/2025

Item No.: 2.1.

COMMITTEE AGENDA MEMORANDUM Recycled Water Committee

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

SUBJECT:

Election of 2025 Recycled Water Committee Chairperson and Vice Chairperson.

RECOMMENDATION:

Nominate and elect the 2025 Recycled Water Committee Chairperson and Vice Chairperson.

SUMMARY:

The Recycled Water Committee was enacted by the Board of Directors for the purpose of developing a long-term proposal for how Valley Water can work with other local agencies on recycled water opportunities, and to establish a collaborative process to facilitate policy discussion and sharing of technical information on recycled water issues.

The Committee consists of three members, who represent the District on all the Joint Recycled Water Committees. The Committee was created to serve a limited or single purpose, not perpetual, and will be disbanded once their specific task is completed.

Officers of the Committee include the Committee Chairperson and Vice Chairperson, who serve as the Committee's primary and secondary facilitators and representatives. The Committee Chairperson and Vice Chairperson are elected by the Committee annually.

The following is a summary of Recycled Water Committee Chairperson and Vice Chairperson terms, since the Committee's 2016 enactment by the Board of Directors.

	Chairperson	Vice Chairperson
2016	T. Estremera	G. Kremen
2017	T. Estremera	B. Keegan
2018	T. Estremera	B. Keegan
2019	T. Estremera	B. Keegan
2020	T. Estremera	B. Keegan

	Chairperson	Vice Chairperson
2021	T. Estremera	G. Kremen
2022	T. Estremera	R. Santos
2023	T. Estremera	R. Santos
2024	T. Estremera	R. Santos

ENVIRONMENTAL JUSTICE AND EQUITY IMPACT:

The election of Chairperson and Vice Chairperson is not subject to environmental justice analysis.

ATTACHMENTS:

None.

UNCLASSIFIED MANAGER:

Candice Kwok-Smith, 408-630-3193



Santa Clara Valley Water District

File No.: 25-0151

Agenda Date: 2/26/2025
Item No.: 3.1.

COMMITTEE AGENDA MEMORANDUM Recycled Water Committee

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

SUBJECT:

Approval of December 13, 2024 Recycled Water Committee Minutes.

RECOMMENDATION:

Approve the minutes

SUMMARY:

In accordance with the Ralph M. Brown Act, 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 to the Committee for review and approval.

Upon Committee approval, minutes transcripts are finalized and entered into Valley Water'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 analysis.

ATTACHMENTS:

Attachment 1: 12132024 RWC Meeting Minutes

UNCLASSIFIED MANAGER:

Candice Kwok-Smith, 408-630-3193

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For full meeting record, please review meeting videos at:
<https://www.valleywater.org/how-we-operate/committees/board-committees>

RECYCLED WATER COMMITTEE MEETING

DRAFT MINUTES

**SPECIAL MEETING
FRIDAY, DECEMBER 13, 2024
11:00 AM**

(Paragraph numbers coincide with agenda item numbers)

1. CALL TO ORDER:

A special meeting of the Santa Clara Valley Water District (Valley Water) Recycled Water Committee (Committee) was called to order in the Valley Water Headquarters Building Boardroom at 5700 Almaden Expressway, San Jose, California, and by Zoom teleconference, at 11:00 a.m.

1.1. Roll Call.

Committee members in attendance were District 4 Director Jim Beall, District 3 Vice Chairperson Richard P. Santos, and District 6 Director Tony Estremera, Chairperson presiding, constituting a quorum of the Committee.

Staff members in attendance were: Brandon Adriano, Gina Adriano, Emmanuel Aryee, Hossein Ashktorab, Aaron Baker, Roseryn Bhudsabourg, Sam Bogale, Lakeisha Bryant, Jiana Escobar, Melissa Garcia, Rachael Gibson, Zachary Helsley, Linh Hoang, Brian Hopper, Girlie Jacobson, Candice Kwok-Smith, Ava Mattis, Nicole Merritt, Carlos Orellana, Mario Rivas, Kirsten Struve, Charlene Sun, Darin Taylor, Dave Tucker, Nadia Webster, Zuberi White, Kristen Yasukawa, and Beckie Zisser.

Public in attendance were: Valley Water Director Shiloh Ballard (District 2), Valley Water Director Rebecca Eisenberg (District 7), Jenny Gain (Brown and Caldwell), Phillippe Daniel, (Liquisti LLC.), Jan Davel (CDM Smith), Pedro Hernandez (City of San Jose), Katja Irvin (Sierra Club), Arthur Keller (Minerva Consulting), Nick Lazarakis, Todd Reynolds, and Rachelle Thompson, (Kennedy Jenks), Jessica Polsky-Sanchez and Sianna Ziegler (EMC Research), Brian Pecson and Shane Trussell (Trussell Tech), Karen, and Malcolm S.

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

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

3. APPROVAL OF MINUTES:

For full meeting record, please review meeting videos at:
<https://www.valleywater.org/how-we-operate/committees/board-committees>

3.1. Approval of October 30, 2024 Recycled Water Committee Meeting Minutes.

Recommendation: Approve the minutes.

The Committee considered the attached minutes of the October 30, 2024 Committee meeting.

It was moved by Vice Chairperson Santos and seconded by Director Beall, and unanimously carried that the minutes be approved.

4. REGULAR AGENDA:

4.1. Receive Purified Water Program Update Including Partnerships with the Cities of San Jose and Santa Clara and Provide Feedback.

Recommendation: Receive an update and provide feedback on the following topics:

- A. Collaboration effort with the cities of San Jose and Santa Clara on Phase 1 demonstration facility and full-scale direct potable reuse (DPR) facility at the Silicon Valley Advanced Water Purification Center;
- B. Actively Engage in DPR; and
- C. Outreach.

Kirsten Struve reviewed the information on this item, per the attached Committee Agenda Memo.

Kirsten Struve was available to answer questions.

Public Comments:
None.

The Committee received and noted the information and took no formal action.

4.2. Receive Update on the Purified Water Public Outreach and 2024 Public Perception Poll and Provide Feedback.

Recommendation: Receive information and provide feedback on the:

- A. 2024 public outreach highlights for the Purified Water Program; and
- B. Results from the 2024 public perception poll.

Kristen Yasukawa reviewed the information on this item, per the attached Committee Agenda Memo and the information contained in Attachment 1, and Jessica Polsky-Sanchez reviewed the information contained in Attachment 2.

Kristen Yasukawa, Jessica Polsky-Sanchez, and Kirsten Struve were available to answer questions.

Public Comments:
None.

For full meeting record, please review meeting videos at:
<https://www.valleywater.org/how-we-operate/committees/board-committees>

The Committee received the information, took no formal action, and noted the following:

- The Committee noted support of staff's continued outreach work and the potential of including court officials and school administrators in future public engagement.
- The Committee noted that the drought may be a factor in the changes in the polling results and noted support for reaching out to news journalists.
- The Committee noted support of the survey and continued public education using simple cost comparative terms with purified water versus bottled water.
- The Committee confirmed the change of the polling group from registered voters to residents did not have a significant impact on the current polling results.
- The Committee confirmed that the polling environment had an increase in negativity which may have played a role in the downward polling trends in addition to the trend of increased cost sensitivity.
- The Committee confirmed these polling results were on track with other surveys done in California, and Director Beall noted interest in reviewing the survey polling results from the other parts of California.
- The Committee noted support of providing public outreach that includes examples of what the costs would be without purified water.

4.3. Receive and Discuss the 2024 Recycled Water Committee (RWC) Work Plan, Potential Tours, Provide Feedback on Upcoming Discussion Items, and Upcoming Meeting Date.

Recommendation: Receive information on the 2024 RWC Work Plan, and provide feedback on upcoming discussion items and next meeting date.

Kirsten Struve reviewed the information on this item, per the attached Committee Agenda Memo, and per the information contained in Attachment 1.

Kirsten Struve was available to answer questions.

Public Comment:
None.

The Committee received the information, took no formal action, and noted the following:

- The Committee noted staff is currently working on the 2025 RWC Work Plan and confirmed the upcoming Joint Recycled Water Policy Advisory Committee (JRWPAC) regular meeting in April 2025 with a special meeting to be scheduled if there is an early completion of the agreements.
- The Committee noted support of the JRWPAC receiving the presentation for Item 4.2.
- The Committee noted support of having a presentation on the topic of onsite reuse of recycled water for large water users like server farms and continuing the discussion of having a tour of the desalination plants in Southern California.

For full meeting record, please review meeting videos at:
<https://www.valleywater.org/how-we-operate/committees/board-committees>

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.

None.

6. Adjourn:

6.1. Adjourn to Special Meeting TBD per Committee.

Chairperson Estremera adjourned the meeting at 11:55 a.m., to the next TBD special meeting which was subsequently canceled with the next regular meeting scheduled to occur at 12:00 p.m. on February 26, 2025.

Nicole Merritt
Assistant Deputy Clerk II

Date Approved:



Santa Clara Valley Water District

File No.: 25-0028

Agenda Date: 2/26/2025

Item No.: 4.1.

COMMITTEE AGENDA MEMORANDUM Recycled Water Committee

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

SUBJECT:

Receive Purified Water Program Update including Partnership with Cities of San Jose and Santa Clara.

RECOMMENDATION:

Receive an update on the following topics:

- A. Update on Phase I Facility and Full-Scale Direct Potable Reuse (DPR) Facility at the Silicon Valley Advanced Water Purification Center
- B. DPR Engagement Efforts; and
- C. Ongoing Outreach Activities

SUMMARY:

A. Update on Phase I Facility and Full-Scale Direct Potable Reuse (DPR) Facility at the Silicon Valley Advanced Water Purification Center

Santa Clara Valley Water District (Valley Water) and the Cities of San José and Santa Clara continue to meet on a regular basis (at least every other week) to work on various elements of the DPR Demonstration facility. Collaborative work includes amendments to the existing agreements that govern the Silicon Valley Advanced Purification Center (SVAWPC), technical items related to source water, management of the Reverse Osmosis Concentrate, permitting, and site development and planning. Agreement amendment development is progressing to support the Phase 1 demonstration facility. In addition, staff are meeting to develop a framework for the full-scale facility.

Staff is procuring consultant support for the grant funded feasibility study which, once completed, would make the project eligible for construction grants.

The cost estimate for the Phase 1 project was based on preliminary information. As presented to the Capital Improvement Program (CIP) committee and Board, the estimated cost for Phase 1 has been updated to include the staff funding agreements for the cities, and consultant and staff support for planning, design, regulatory requirements, project management and CEQA compliance. Consequently, the revised inflated Total Project Cost (TPC) is \$106.46M.

B. DPR Engagement Efforts

Valley Water and its consultants are continuing to develop a permitting roadmap. The Purified Water Project was discussed at Valley Water's annual meeting with the Division of Drinking Water (DDW) at the State Water Board. Valley Water is also collaborating with other agencies to ensure that permitting efforts learn from each other and are consistent.

C. Ongoing Outreach Activities

General purified water outreach - Staff continues to conduct tours of the SVAWPC and outreach initiatives to build support for potable reuse, which include:

- Purified Water Tour Program - From December through mid-January, 178 visitors toured the SVAWPC, which included over 100 elementary and middle school students and the San Jose Conservation Corps + Charter School's California Naturalist program.
- Demonstration Water Bottle Distribution - From December through mid-January, 1,111 Purified Demonstration water bottles were distributed to the public.
- Tailored Outreach Initiatives - Based on the results of the latest public perception poll, staff is conducting tailored outreach to residents and community stakeholders. This includes specific outreach to reach older adults, ages 50 and over, and medical professionals, including those that serve vulnerable communities. Staff is working on the Committee's requests to outreach to school superintendents and members of the court as part of overall outreach efforts.

Outreach coordination with San José and Santa Clara partners - Staff continues to build relationships with the newly appointed City of San José staff working on the Purified Water Project. Staff met with City of San José staff on January 22, 2025, at the SVAWPC and they discussed the details of the advanced purified water process and the Purified Water Project.

Outreach coordination with regional water industry partners - Staff is working with a consultant to plan and host a regional meeting with water industry partners in February. The purpose of the meeting is to discuss coordinated educational messaging for potable reuse.

Learning Center development - Staff continues to work with the Purified Water Project team on the specifications for a learning center that will be part of Phase 1 of the demonstration facility.

ENVIRONMENTAL JUSTICE AND EQUITY IMPACT:

There are no environmental justice and equity impacts associated with this item. This action is unlikely to or will not result in adverse impacts and is not associated with an equity opportunity.

ATTACHMENTS:

None.

UNCLASSIFIED MANAGER:

Kirsten Struve, 408-630-3138



Santa Clara Valley Water District

File No.: 25-0132

Agenda Date: 2/26/2025

Item No.: 4.2.

COMMITTEE AGENDA MEMORANDUM Recycled Water Committee

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

SUBJECT:

Receive South Santa Clara County Reuse Collaboration Update and Provide Feedback.

RECOMMENDATION:

Receive an update and provide feedback on South County water reuse collaboration and implementation.

SUMMARY:

Since 1999, the Santa Clara Valley Water District (Valley Water), the Cities of Gilroy and Morgan Hill have collaborated to expand the use of non-potable water recycling in South Santa Clara County (South County). In 2017, the Joint Water Resources Committee (JWRC) was established to advance water resource interests in South County, which includes identifying future opportunities for purified and recycled water in South County, and determining funding to implement recommended projects based on the South County water reuse master plan. In 2021, the JWRC formed a Technical Working Group (TWG) to enhance technical collaboration and evaluate opportunities and options to advance water reuse and purified water production and distribution in South County. Since September 2021, the TWG has met regularly with technical staff from Gilroy, Morgan Hill, and Valley Water to discuss water reuse issues. The Recycled Water Committee has most recently received updates on TWG activities in January and May 2024.

Feasibility Study Update

Staff will discuss the status of Valley Water's 2023 United States Bureau of Reclamation (USBR) grant to develop a South County Recycled Water System Feasibility Study (FS). This planning process is intended to collaboratively evaluate opportunities and options for purified and recycled water reuse in South County and develop a water reuse strategy for the next decade. Valley Water has been working with USBR staff in Denver and Sacramento to develop an approved funding agreement. Valley Water has initiated a procurement process to secure external technical services to support the South County feasibility and master planning processes. These plans will direct and support future grant funding for the design and construction of future South County water reuse projects under the USBR Title XVI grant program.

South County Recycled Water Pipeline

In March 2022, Valley Water initiated construction on our South County Recycled Water Pipeline (Southern Alignment) to expand the distribution of recycled water in the City of Gilroy to serve new customers, improve service delivery through system redundancy, and support future distribution system expansion. The Southern Alignment was first introduced in the 2004 South County Recycled Water Master Plan, updated in the 2015 Water Reuse Master Plan, and which include a collaborative strategy to advance pipeline construction through developer partnerships. The Southern Alignment includes construction of recycled water pipeline that would connect the existing recycled water conveyance system at the Christmas Hill Pump Station to the South County Recycled Water Authority (SCRWA) wastewater treatment plant. Pipeline construction has been coordinated with the City of Gilroy and the South County Regional Wastewater Authority (SCRWA), and essentially completed in 2024 except for one critical pipeline segment (Phase 1C).

Since 2020, Valley Water has been working with developers and the City of Gilroy to obtain pipeline and construction easements necessary to complete the Phase 1C pipeline segment. In September 2024, Valley Water approved an agreement with the Green Valley Corporation (GVC) to acquire the necessary easements for construction of the Phase 1C pipeline segment through farmlands. Construction will commence in April 2025 after wet weather has cleared. The construction of the Phase 1C segment will significantly increase system capabilities along the original recycled water pipeline and provide system redundancy to support planned water reuse eastward of Highway 101.

ENVIRONMENTAL JUSTICE AND EQUITY IMPACT:

There are no environmental justice and equity impacts associated with this agenda item. This action is unlikely to or will not result in adverse impacts and is not associated with an equity opportunity.

ATTACHMENTS:

Attachment 1: PowerPoint

UNCLASSIFIED MANAGER:

Kirsten Struve, 408-630-3138

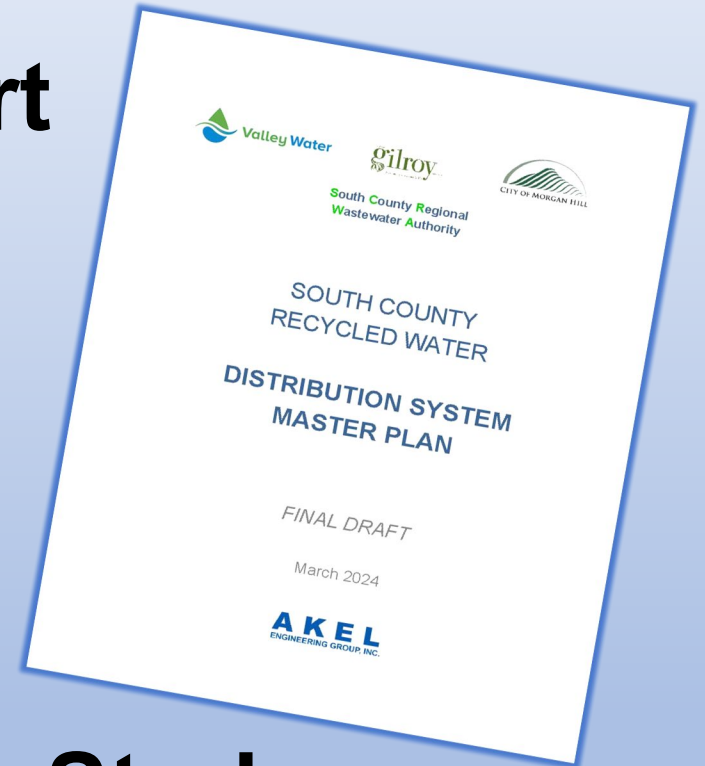


South Santa Clara County Water Reuse Collaboration

Recycled Water Committee Meeting
February 26, 2025

South County Feasibility Study Update

- USBR Feasibility Financial Support
- 2023 USBR Planning Grant
- 2024 Grant Agreement
- 2025 Master Planning - Feasibility Study

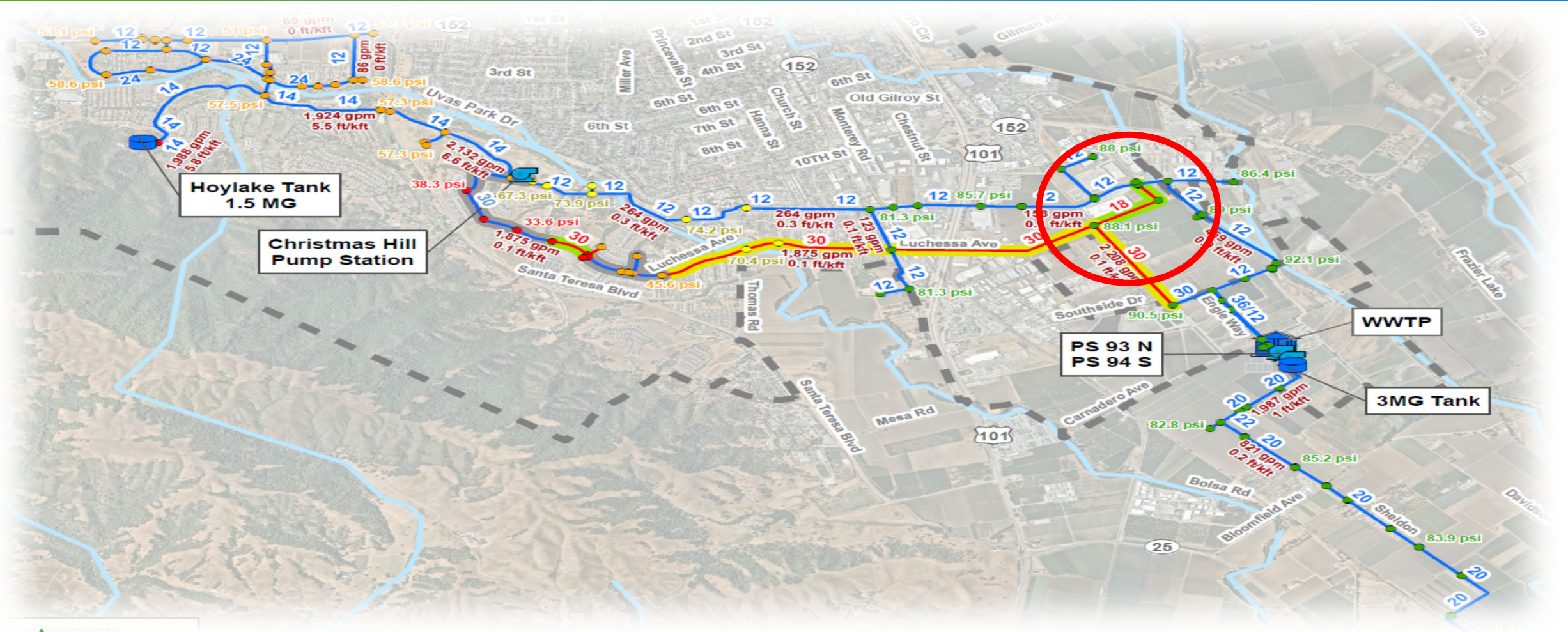


South County Recycled Water Pipeline

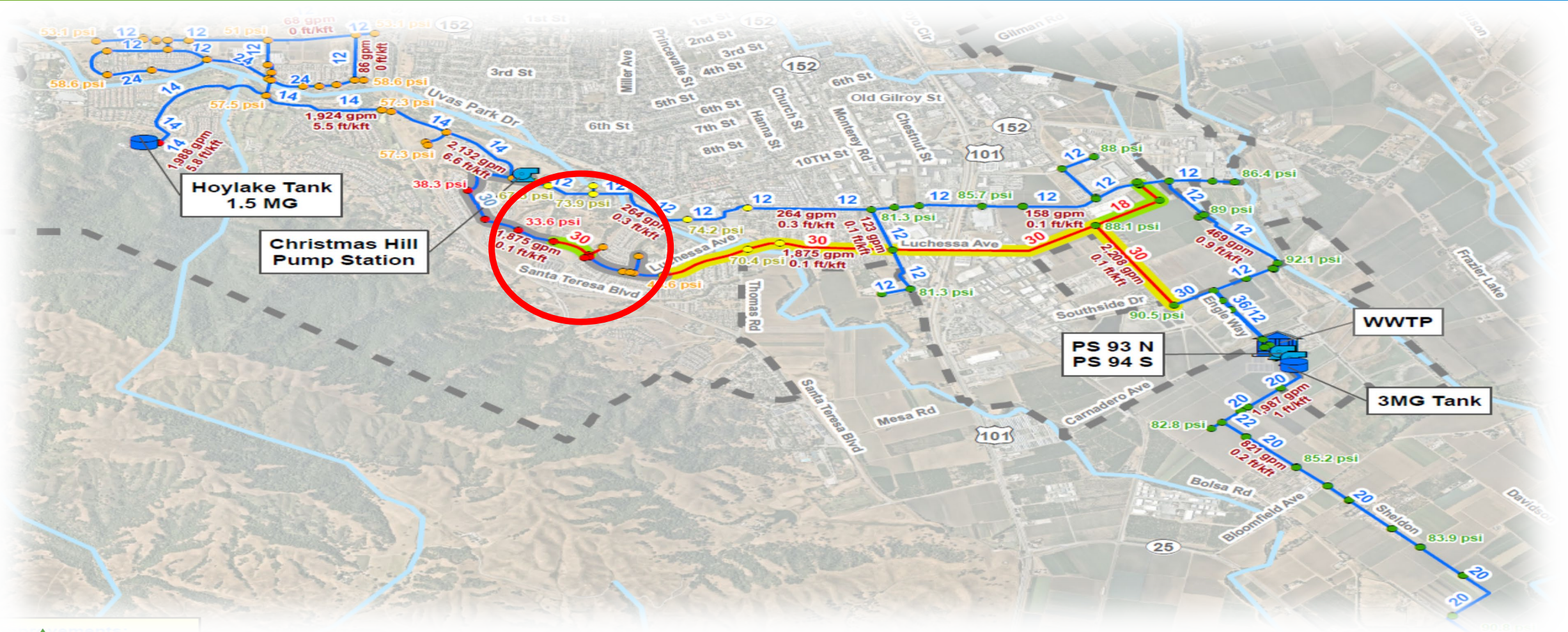
- **Phase 1C Easement Acquisition**
- **2025 Pipeline Construction**
- **Pipeline Master Planning**



Recycled Water Phase 1C Pipeline



Recycled Water Southern Alignment





Valley Water

Clean Water • Healthy Environment • Flood Protection



Santa Clara Valley Water District

File No.: 25-0133

Agenda Date: 2/26/2025

Item No.: 4.3.

COMMITTEE AGENDA MEMORANDUM Recycled Water Committee

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

SUBJECT:

Receive the Desalination Engineering Feasibility Study Update.

RECOMMENDATION:

Receive an update on Desalination Engineering Feasibility Study.

SUMMARY:

On July 9, 2024, the Valley Water Board of Directors approved Agreement A5050A with Black and Veatch Corporation (Consultant) to conduct a Desalination Engineering Feasibility Study (EFS). Since then Valley Water with help of the Consultant have been making steady progress, gathering data and evaluating different options for site location, bay water intake, and brine discharge. Additionally, Valley Water has met with state regulators and local non-profit organizations to discuss the project.

On October 7th and 31st 2024 Valley Water met with the San Francisco Bay Regional Water Quality Control Board (Regional Board) to introduce the study and gather feedback that will assist in our evaluation. Additionally, on December 6th, 2024, we held a joint meeting with the Regional Board and the State Water Resources Control Board to discuss specific concerns regarding groundwater interaction with a potential future bay water intake.

Valley Water is actively collaborating with the Consultant to plan efforts for engaging environmental and community stakeholders. On January 16, 2025, Valley Water met with representatives of the Citizens Commission to Complete the Refuge to introduce the study and obtain their feedback on aspects they would like to see evaluated in the EFS. We will continue to reach out to interested stakeholders to provide an overview of the study and to obtain feedback. Staff expects to have some preliminary draft results ready for the April 2025 Recycled Water Committee meeting.

ENVIRONMENTAL JUSTICE AND EQUITY IMPACT:

There are no environmental justice and equity impacts associated with this item. This action is unlikely to or will not result in adverse impacts and is not associated with an equity opportunity.

File No.: 25-0133

Agenda Date: 2/26/2025
Item No.: 4.3.

ATTACHMENTS:

None.

UNCLASSIFIED MANAGER:

Kirsten Struve, 408-630-3138



Santa Clara Valley Water District

File No.: 25-0152

Agenda Date: 2/26/2025

Item No.: 4.4.

COMMITTEE AGENDA MEMORANDUM Recycled Water Committee

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

SUBJECT:

Receive and Accept the 2025 Proposed Recycled Water Committee (RWC) Work Plan, and Provide Feedback on Upcoming Discussion Items, and the 2025 RWC Meeting Schedule.

RECOMMENDATION:

Receive and accept the 2025 Proposed RWC Work Plan, and provide feedback on upcoming discussion items and the 2025 RWC meeting schedule.

SUMMARY:

Under direction of the Clerk, Work Plans are used by all 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.

For 2025, staff is seeking Committee acceptance of the 2025 proposed Work Plan (Attachment 2) and the 2025 RWC meeting schedule (Attachment 3).

The RWC meetings are planned regularly for the 4th Wednesday of the month at 12:00 p.m or as called by the Chairperson.

The 2025 RWC meeting schedule notes the July and October meeting dates will fall on the 5th Wednesday of the month due to a conflict with another Committee and staff requests having a combined November and December meeting to be determined upon feedback from the Committee.

ENVIRONMENTAL JUSTICE AND EQUITY IMPACT:

The review and acceptance of the RWC Work Plan and meeting schedule are not subject to environmental justice analysis.

ATTACHMENTS:

Attachment 1: 2024 RWC Work Plan

Attachment 2: 2025 Proposed RWC Work Plan

Attachment 3: 2025 RWC Meeting Schedule

UNCLASSIFIED MANAGER:

Candice Kwok-Smith, 408-630-3193

RWC 2024 WORK PLAN

Task	Agenda Item	January	February	March	April	May	June	July	August	September	October	Nov./Dec.
FY 24 Tactic 1: Advance the Purified Water Program												
1.1	Update on Purified Water Program including Partnership with Cities of San Jose and Santa Clara - Phase I Facility and full-scale Direct Potable Reuse Facility at the Silicon Valley Advanced Water Purification Center	X		X		X		X	X		X	X
FY 24 Tactic 2: Implement the Countywide Water Reuse Master Plan.												
2.1	Joint Mtg Prep/Debrief: Joint Recycled Water Policy Advisory Committee, including coordination on the Silicon Valley Advanced Water Purification Facility and building strong collaborative relationships	X		X					X			
2.2	Joint Mtg Prep/Debrief: Cities of Palo Alto/Mtn View.											
2.3	Joint Mtg Prep/Debrief: City of Sunnyvale.											
2.4	Update on SFPUC/BAWSCA Collaboration Efforts.											
2.5	Independent Advisory Panel.											
FY 24 Tactic 3: Continue to actively be involved with Direct Potable Reuse (DPR) guidance and implement actions for the future.												
3.1	Actively Engage in Direct Potable Reuse					X						X
FY 24 Tactic 4: Develop a Comprehensive Water Reuse Agreement for South County to advance water reuse and its production, distribution, and wholesaling in South County.												
4.1	South Santa Clara County Water Reuse Collaboration.	X				X						X
FY 24 Tactic 5: Continue to monitor feasibility of desalination.												
5.1	Continue to investigate feasibility of desalination (local and regional).					X					X	
Others												
6.1	Regional discussion on options: Feasibility analysis of Recycled Water Exchange with Contra Costa Water District and Central Contra Costa Sanitary District.											
6.2	Update on Bottling Purified and water tasting station at the SVAWPC.					X						
6.3	Investigating Different Source of Water for Purification including Urban Water Runoff/Stormwater											
6.4	Outreach Comprehensive Efforts.											X
6.5	Potential Water Reuse Goal based on Water Supply Master Plan	X		X				X	X			
6.6	State and Federal Grant opportunities					X						

*Blue strikes - items added on updated work plan

*Red strikes - items deleted from current work plan

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PROPOSED RWC 2025 WORK PLAN													
Task	Agenda Item	January	February	March	April	May	June	July	August	September	October	December	
FY 25 Tactic 1: Advance the Purified Water Program													
1.1	Update on Purified Water Program including Partnership with Cities of San Jose and Santa Clara Phase I Facility and full-scale Direct Potable Reuse Facility at the Silicon Valley Advanced Water Purification Center On-going outreach Actively Engage in statewide implementation of Direct Potable Reuse	X	X	X	X	X	X	X	X	X	X	X	
1.2	Update on Partnership with Cities of Palo Alto and Mountain View												
FY 25 Tactic 2: Implement the Countywide Water Reuse Master Plan													
2.1	Joint Mtg Prep/Debrief: Joint Recycled Water Policy Advisory Committee, including coordination on the Silicon Valley Advanced Water Purification Facility and building strong collaborative relationships		X		X								
2.2	Joint Mtg Prep/Debrief: Cities of Palo Alto/Mtn View												
2.3	Joint Mtg Prep/Debrief: City of Sunnyvale												
2.4	Update on SFPUC/BAWSCA Collaboration Efforts				X								
2.5	Independent Advisory Panel		X									X	
FY 25 Tactic 3: Develop a Comprehensive Water Reuse Agreement for South County to advance water reuse and its production, distribution, and wholesaling in South County													
4.1	South Santa Clara County Water Reuse Collaboration	X				X						X	
FY 25 Tactic 4: Continue to monitor feasibility of desalination													
5.1	Continue to investigate feasibility of desalination (local and regional)	X						X					
Others													
6.1	Regional discussion on options: Feasibility analysis of Recycled Water Exchange with Contra Costa Water District and Central Contra Costa Sanitary District												
6.2	Investigating Different Source of Water for Purification including Urban Water Runoff/Stormwater		X										
6.3	Outreach Comprehensive Efforts											X	
6.4	State and Federal Grant opportunities				X								
6.5	Large Water User Reuse Opportunities								X				

Canceled

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RWC 2025 Draft Meeting Schedule

January

S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

RWC January 2025 meeting canceled

February

S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	

March

S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

April

S	M	T	W	T	F	S
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12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

May

S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

June

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

July

S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

August

S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

September

S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

October

S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

November

S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30						

December

S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

Proposed Combo November/December Special Meeting: TBD



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