

September 21, 2022

**MEETING NOTICE**  
**SANTA CLARA VALLEY WATER DISTRICT**  
**RECYCLED WATER COMMITTEE**

**Members of the Recycled Water Committee:**

District 6 Director, Tony Estremera, Committee Chair  
District 3 Director, Richard Santos, Committee Vice Chair  
District 2 Director, Barbara Keegan

**Staff Support of the Recycled Water Committee:**

Rick Callender, Chief Executive Officer  
Melanie Richardson, Assistant Chief Executive Officer  
Darin Taylor, Chief Financial Officer  
Aaron Baker, Chief Operating Officer, Water Utility  
Rachael Gibson, Chief of External Affairs  
Tina Yoke, Chief Operating officer  
Carlos Orellana, District Counsel  
Anthony Fulcher, Sr. Assistant District Counsel  
Leslie Orta, Sr. Assistant District Counsel  
Vincent Gin, Deputy Operating Officer, Water Supply Division  
Donald Rocha, Deputy Administrative Officer, Office of the Chief of External Affairs  
Bhavani Yerrapotu, Deputy Operating Officer, Watersheds Design and Construction Division  
Emmanuel Aryee, Deputy Operating Officer, Water Utility Capital Division  
Sam Bogale, Deputy Operating Officer, Treated Water Division  
Tony Ndah, Deputy Administrative Officer, General Services Division  
Lisa Bankosh, Assistant Officer, Watershed Stewardship and Planning Division  
Kirsten Struve, Assistant Officer, Water Supply Division  
Charlene Sun, Treasury and Debt Manager  
Hossein Ashktorab, Unit Manager, Recycled & Purified Water Unit  
Carmen Narayanan, Financial Planning & Revenue Manager  
Metra Richert, Unit Manager, Water Supply Planning and Conservation Unit  
Lei Hong, Utility Ops & Maintenance Manager  
Sherilyn Tran, Civic Engagement Manager  
Medi Sinaki, Sr. Engineer-Water Quality  
Girlye Jacobson, Sr. Engineer-Treatment Plant Design  
Samantha Greene, Senior Water Resources Specialist  
Henry Barrientos, Associate Civil Engineer  
David Tucker, Associate Civil Engineer  
Zachary Helsley, Associate Civil Engineer  
Elise Latedjou-Durand, Senior Environmental Planner  
Ricardo Barajas, Program Administrator  
Lakeisha Bryant, Public Info Rep II

A Santa Clara Valley Water District regular Recycled Water Committee meeting has been scheduled to occur at 12:00 p.m. on Wednesday, September 28, 2022, in the Headquarters Building Boardroom located at the Santa Clara Valley Water District, 5700 Almaden Expressway, San Jose, California.

Members of the public may join the meeting via Zoom Teleconference at:

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

The meeting agenda and corresponding materials are located on our website:

<https://www.valleywater.org/how-we-operate/committees>

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## **Santa Clara Valley Water District Recycled Water Committee Meeting**

Join Zoom Meeting  
<https://valleywater.zoom.us/j/99518153521>

Headquarters Building Boardroom  
5700 Almaden Expressway  
San Jose, CA 95118

### **REGULAR MEETING AGENDA**

**Wednesday, September 28, 2022  
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 Santos - District 3, Vice Chair  
Barbara Keegan - District 2

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

EVA SANS  
Assistant Deputy Clerk II  
Office/Clerk of the Board  
(408) 265-2306  
[esans@valleywater.org](mailto:esans@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.**

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

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Wednesday, September 28, 2022

12:00 PM

Join Zoom Meeting  
<https://valleywater.zoom.us/j/99518153521>

Headquarters Building Boardroom  
5700 Almaden Expressway  
San Jose, CA 95118

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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 at a video conferenced meeting, during public comment or on any item listed on the agenda, should use the “Raise Hand” tool located in the Zoom meeting link listed on the agenda, at the time the item is called. Speakers will be acknowledged by the Board Chair in the order requests are received and granted speaking access to address the Board.

Valley Water, in complying with the Americans with Disabilities Act (ADA), requests individuals who require special accommodations to access and/or participate in Valley Water Board of Directors/Board Committee meetings to please contact the Clerk of the Board’s office at (408) 630-2711, at least 3 business days before the scheduled meeting to ensure that Valley Water may assist you.

This agenda has been prepared as required by the applicable laws of the State of California, including but not limited to, Government Code Sections 54950 et. seq. and has not been prepared with a view to informing an investment decision in any of Valley Water’s 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.

Under the Brown Act, members of the public are not required to provide identifying information in order to attend public meetings. Through the link below, the Zoom webinar program requests entry of a name and email address, and Valley Water is unable to modify this requirement. Members of the public not wishing to provide such identifying information are encouraged to enter "Anonymous" or some other reference under name and to enter a fictional email address (e.g., attendee@valleywater.org) in lieu of their actual address. Inputting such values will not impact your ability to access the meeting through Zoom.

**Join Zoom Meeting**

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

**Meeting ID: 995 181 53521**

**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 Committee on any item not listed on the agenda should access the "Raise Hand" tool located in Zoom meeting link listed on the agenda. Speakers will be acknowledged by the Committee Chair in order requests are received and granted speaking access to address the Committee. Speakers comments should be limited to three minutes or as set by the Chair. The law does not permit Committee action on, or extended discussion of, any item not on the agenda except under special circumstances. If 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 Committee may take action on any item of business appearing on the posted agenda.*

**3. APPROVAL OF MINUTES:**

3.1. Approval of Minutes. [22-1037](#)

Recommendation: Approve the minutes of the August 24, 2022, and September 14, 2022.

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

Attachments: [Attachment 1: 082422 RWC Minutes](#)  
[Attachment 2: 091422 RWC Minutes](#)

Est. Staff Time: 5 Minutes

**4. ACTION ITEMS:**

4.1. Update on Purified Water Program including Partnership with Cities of San Jose and Palo Alto. [22-1025](#)

Recommendation: Receive updates and provide feedback on the following topics:

- A. Collaboration with the City of Palo Alto and Other Partners;
- B. Public Private Partnership (P3) Procurement of the Purified Water Project; and
- C. Outreach regarding the Purified Water Project.

Manager: Kirsten Struve, 408-630-3138

Est. Staff Time: 5 Minutes

4.2. Update on Direct Potable Reuse. [22-1026](#)

Recommendation: Receive update and provide feedback on Direct Potable Reuse (DPR) regulatory developments.

Manager: Kirsten Struve, 408-630-3138

Est. Staff Time: 5 Minutes

4.3. South Santa Clara County Water Reuse Collaboration. [22-1027](#)

Recommendation: Receive an update on Technical Work Group discussions and provide feedback.

Manager: Kirsten Struve, 408-630-3138

Attachments: [Attachment 1: PowerPoint](#)

Est. Staff Time: 10 Minutes

4.4. Update on Urban Runoff Study with Stanford University. [22-0937](#)

Recommendation: Receive an update of an ongoing urban water study to evaluate feasibility of urban runoff for water supply, and provide feedback.

Manager: Kirsten Struve, 408-630-3138

Attachments: [Attachment 1: PowerPoint](#)

Est. Staff Time: 10 Minutes

- 4.5. Discuss the 2022 Recycled Water Committee Work Plan, Upcoming Discussion Items, and Next Meeting Date. [22-1019](#)

Recommendation: Receive information on the 2022 Recycled Water Committee Work Plan and provide feedback on upcoming discussion items and next meeting date.

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

Attachments: [Attachment 1: 2022 Revised Work Plan](#)

Est. Staff Time: 5 Minutes

**5. ADJOURN:**

- 5.1. Adjourn to Regular Meeting at 12:00 p.m. on Wednesday, October 26, 2022.





# Santa Clara Valley Water District

File No.: 22-1025

Agenda Date: 9/28/2022

Item No.: 4.1.

## COMMITTEE AGENDA MEMORANDUM

### Recycled Water Committee

#### SUBJECT:

Update on Purified Water Program including Partnership with Cities of San Jose and Palo Alto.

#### RECOMMENDATION:

Receive updates and provide feedback on the following topics:

- A. Collaboration with the City of Palo Alto and Other Partners;
- B. Public Private Partnership (P3) Procurement of the Purified Water Project; and
- C. Outreach regarding the Purified Water Project.

#### SUMMARY:

##### A. Collaboration with the City of Palo Alto and Other Partners

Finalizing agreements for a future purification facility in the City of Palo Alto continues to be the key priority for the project. Both Palo Alto and Valley Water staff have been meeting to collaborate on agreements and refine the regulatory requirements.

Palo Alto was recently awarded a grant from the State for developing an interim housing shelter (Homekey Palo Alto) adjacent to the planned site for the Advanced Water Purification Facility.

The Palo Alto City Council conducted a study session on September 12, 2022 to discuss the Purified Water Project Including Location of the Advanced Water Purification Facility at the Former Los Altos Treatment Plant Site, Reverse Osmosis Concentrate Management, Upcoming Agreements and Decisions. Valley Water continues to engage partner agencies on the Purified Water Project (PWP) conveyance pipeline alignment and completion of technical studies. Discussions with the City of San José have continued on future purified water projects.

##### B. Public Private Partnership (P3) Procurement of the Purified Water Project

Staff provided responses to the second round of written questions and requested additional information submitted by the short-listed P3 Respondents. Valley Water staff will be meeting in-person with each of the short-listed P3 Respondents to update them on project status and to

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obtain further inputs since each will be attending the September 22<sup>nd</sup> business outreach event co-hosted by the City of San José, the Santa Clara Valley Transportation Authority and Valley Water.

Staff and consultants continue to refine the project technical requirements and complete revisions to the project EIR.

**C. Outreach Regarding the Purified Water**

Staff continues to partner with the San Jose and Mountain View Public Libraries to host virtual tours for members of the public. Recently, staff hosted in-person tours for former State Senator Jim Beall and San José City Councilmember David Cohen. Additionally, staff will be providing an in-person tour for participants attending the upcoming WaterReuse Conference on September 11. Staff will also be bringing back on-site tours to members of the general public, starting in October. Staff will host public tours on the first Friday throughout the months of October, November and December and begin adding Saturday tours in early 2023.

**ATTACHMENTS:**

None.

**UNCLASSIFIED MANAGER:**

Kirsten Struve, 408-630-3138



# Santa Clara Valley Water District

**File No.:** 22-1026

**Agenda Date:** 9/28/2022

**Item No.:** 4.2.

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## COMMITTEE AGENDA MEMORANDUM

### Recycled Water Committee

#### **SUBJECT:**

Update on Direct Potable Reuse.

#### **RECOMMENDATION:**

Receive update and provide feedback on Direct Potable Reuse (DPR) regulatory developments.

#### **SUMMARY:**

On March 22, 2021, the California State Water Resources Control Board's Division of Drinking Water (DDW) released the Addendum to the DPR Framework, 2nd Edition. This Addendum contained draft language of the criteria for DPR and was an important step towards developing uniform water recycling criteria on or before the December 2023 deadline mandated by Assembly Bill 574 (AB 574). AB 574 also required DDW to convene and administer an Expert Panel to review the proposed criteria and adopt a finding as to whether, in its expert opinion, the proposed criteria would adequately protect public health. Since then, four Expert Panel meetings have been held publicly (Aug. 2021 - Feb. 2022) where the Expert Panel provided comments and recommendations to DDW staff. Since the May 2022 update to the Recycled Water Committee, the following progress has been made:

In June of 2022, A Memorandum of Findings was prepared by the Expert Panel and presented to DDW. It consisted of the Expert Panel's findings along with related recommendations and comments. Overall, the Expert Panel found that draft criteria for DPR was protective of public health.

In July of 2022, DDW released a response to the Expert Panel's draft Memorandum of Findings. DDW's response highlighted that there are several topics that DDW and the Expert Panel agreed on, however there are other topics needing additional clarification from the Expert Panel prior to finalizing the regulations and preparation of the regulatory package. Topics requiring further discussion include the methodology for deriving log reduction targets for pathogen control, requirements for sewer system monitoring and source control, and chemical control criteria for the operation of the ozone and biological activated carbon system.

Santa Clara Valley Water District (Valley Water) has continued to review work products from the Expert Panel and DDW, and participated in various pertinent meetings and workshops. Valley Water also continues to participate in studies that directly support the implementation of future DPR projects. Valley Water staff also joined other utilities in California in various technical panels and other

forums with the focus on extensive review and synchronization of comments and feedback on DPR regulations. Most recently, staff participated in a DPR Working Group managed by WaterReuse California (WRCA). This forum included representatives from various agencies from Southern and Northern California (e.g., Orange County Water District, Metropolitan Water District, Monterey One Water, Los Angeles Department of Water and Power, etc.) as well as consultants.

The DPR Working Group focused on reviewing and discussing the contents of a comment letter (CL) on the proposed DPR regulations prepared by WRCA and submitted to DDW on August 22, 2022. The CL highlighted several areas of concern and requested DDW to consider changes / adjustments to the proposed regulations. The following were the main areas of focus:

- **Flexibility for Raw Water Augmentation (RWA) and Treated Water Augmentation (TWA)**  
Expanding the Alternatives Clause in the proposed regulations that will incentivize projects to include RWA elements that provide additional public health protection.
- **Pathogen Control Requirements**  
Recommending that DDW follow the updated approach offered by the Expert Panel and adopt pathogen Log Removal Targets (LRT) of 13/10/10.
- **Quantitative Risk Assessment**  
Requesting that State Water Board enlist their Recycled Water CEC Expert Panel to provide uniform guidance on chemical monitoring for DPR projects and not require project-specific quantitative risk assessments.
- **Sewershed Monitoring**  
Recommending use of sewershed monitoring to be considered for future DPR requirements if and when the technology proves practicable, because it is not yet a mature methodology for inclusion now.
- **Operational flexibility for biological activated carbon (BAC)**  
Recommending a default Empty Bed Contact Time (EBCT) value of 15 minutes but allowing projects to propose an alternative EBCT based on pilot-scale testing that demonstrates compliance with the 1-log reduction requirements for formaldehyde and acetone.
- **Technical, Managerial, and Financial (TMF) requirements**  
WaterReuse California offers its assistance to help DDW develop a set of streamlined TMF documents for DPR that are protective of public health but would reduce review burden for DDW while being less duplicative for WRCA members.
- **TOC monitoring frequency**  
Requesting DDW follow the recommendation offered by the Expert Panel and adopt a minimum TOC monitoring frequency of 15 minutes.

Valley Water staff continue to monitor DPR regulatory developments and effectively engage in the

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process by active participation in related research, technical panels, and submitting comments on the proposed regulations as opportunities arise.

**ATTACHMENTS:**

Attachment 1: None.

**UNCLASSIFIED MANAGER:**

Kirsten Struve, 408-630-3138

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# Santa Clara Valley Water District

**File No.:** 22-1027

**Agenda Date:** 9/28/2022

**Item No.:** 4.3.

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## COMMITTEE AGENDA MEMORANDUM

### Recycled Water Committee

#### **SUBJECT:**

South Santa Clara County Water Reuse Collaboration.

#### **RECOMMENDATION:**

Receive an update on Technical Work Group discussions and provide feedback.

#### **SUMMARY:**

This update will summarize the Technical Working Group's (TWG) discussions of the:

- 2006 Producer-Wholesaler Agreement;
- The Wholesaler-Retailer Agreements with each city;
- Master planning activities to provide an interim update to the 2015 South County Recycled Water Master Plan; and
- Discussion of the TWGs July 2022 presentation to the Joint Water Resources Committee.

Since 1999, the Santa Clara Valley Water District (Valley Water), the City of Gilroy, and the City of Morgan Hill have demonstrated a long history of collaboration to ensure the utilization and expansion of non-potable water reuse in South County. In August 2017, Valley Water established the Joint Water Resources Committee (Committee) with elected officials representing the Cities of Gilroy and Morgan Hill to pursue collaborative relationships and agreements to support water reuse expansion. In August 2021, the Committee recommended the establishment of a TWG to evaluate the opportunities and constraints of:

- One Comprehensive Water Reuse Agreement,
- Consistent water reuse terms and conditions countywide,
- Provisions to advance water reuse and purified water production, distribution, and wholesaling, and
- Cost sharing accords to integrate water conservation, water reuse, and water supply.

The Committee's recommendation was subsequently discussed and approved at a special joint meeting of the Valley Water Board and the City Councils of Morgan Hill and Gilroy. At the request of their Mayor, the Gilroy City Council adopted a slightly amended resolution that included provisions to advance water reuse and purified water production, distribution and wholesaling in South County that is beyond the South County Recycled Water Authority and includes water purification.

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The TWG has been meeting almost monthly since September 2021, and includes staff from the City of Gilroy, the City of Morgan Hill, and Valley Water. The Committee has received workgroup updates in December 2021 and March 2022 that have presented our interagency collaborations to advance South County recycled water master planning, opportunities and challenges to enhance non-potable and potable water reuse, and our progress to update interagency legal agreements to promote water reuse in South County. Staff has also discussed the feedback which has been received from the Committee on the TWG's activities.

**ATTACHMENTS:**

Attachment 1: PowerPoint Presentation

**UNCLASSIFIED MANAGER:**

Kirsten Struve, 408-630-3138





# South Santa Clara County Water Reuse Collaboration

Recycled Water Committee  
September 28, 2022

# Joint Water Resources Committee

## Technical Work Group

2

- ✓ Provisions to advance water reuse and purified water production, distribution and wholesaling;
- ✓ Consistent water reuse terms and conditions countywide;
- ✓ Cost sharing accord to integrate water conservation, reuse and supply;
- ✓ One comprehensive Water Reuse Agreement



# Producer – Wholesaler Agreement

3

## Draft Agreement

- ✓ **Conditions & Terms**
- ✓ **JWRC Integration**
- ✓ **RW Export Approval**
- ✓ **Master Planning**



# Wholesaler - Retailer Agreements

4

## Draft Agreements

- ✓ Updated Core Terms
- ✓ Outdated Conditions
- ✓ Corrections/Clean-up
- ✓ Next Steps



# South County RW Master Planning

5

## Project Highlights

- ✓ CIP Core Function
- ✓ Federal/State Funding
- ✓ Shared Prioritization
- ✓ Next Steps





# Joint Water Resources Committee

July 2022 Update

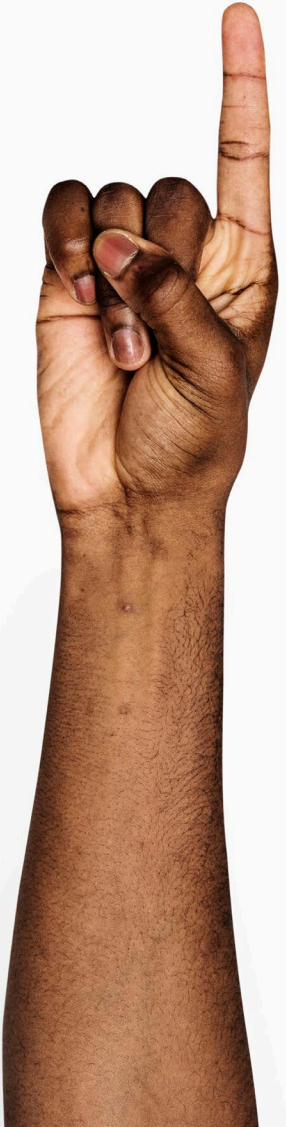
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## Collaborative Presentation:

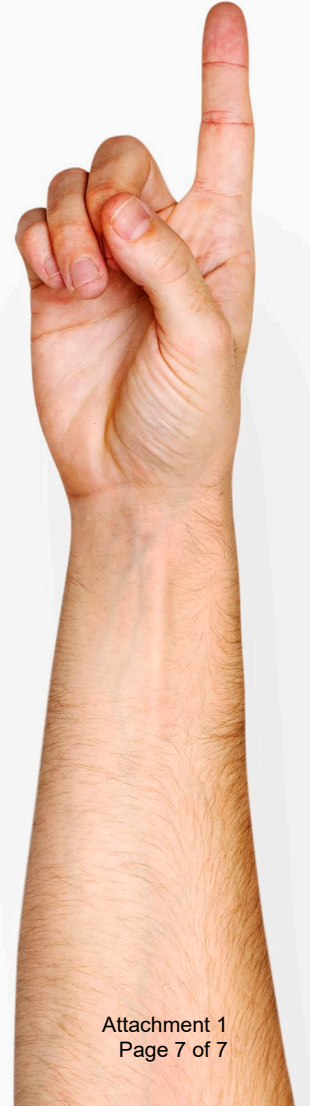
- ✓ Draft Agreements
- ✓ Master Planning
- ✓ South County News
- ✓ Next Step



# QUESTIONS



23



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# Santa Clara Valley Water District

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**File No.:** 22-0937

**Agenda Date:** 9/28/2022

**Item No.:** 4.4.

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## COMMITTEE AGENDA MEMORANDUM

### Recycled Water Committee

#### **SUBJECT:**

Update on Urban Runoff Study with Stanford University.

#### **RECOMMENDATION:**

Receive an update of an ongoing urban water study to evaluate feasibility of urban runoff for water supply, and provide feedback.

#### **SUMMARY:**

In August 2018, the Santa Clara Valley Water District (Valley Water) in partnership with Stanford University (Stanford), initiated a two-phased project to evaluate alternatives for stormwater (Urban Runoff) capture for water reuse purposes and considerations for feasibility and cost analysis.

In February 2022, the Valley Water and Stanford (Team) presented preliminary findings from the November 2021 and January 2022 sampling events to the Recycled Water Committee (RWC). Since then, the Team has conducted four additional rounds of sampling in March, April, June, and July for a new total of six sampling events. Water quality parameters analyzed include conventional, organic, and emerging constituents from the National Primary Drinking Water Regulations (NPDWR) and the Priority Pollutant List. Many of these constituents have not been detected in Coyote Creek or are present at levels far below maximum contaminant levels under safe drinking water standards. For example, the results indicate presence of low-level concentrations of perfluorochemicals PFOS and PFOA.

Moving forward, the Team will continue with monthly sampling at Coyote Creek to further evaluate water quality and seasonality and consider these results in the context of treatment needs for stormwater capture and reuse. Special interest is placed on wet weather flows since current data primarily demonstrates dry weather conditions.

Existing findings suggest that PFOS and PFOA may be important analytes targeted in the treatment design. Future steps may also include design of a treatment study with the focus on target analytes, water quality findings, recharge water quality objectives, antidegradation, health, and regulatory goals. Also, exploring treatments that would not require Reverse Osmosis (RO) could lead to cost and energy saving treatment alternatives and will be considered. Meanwhile, Stanford members of the Team have pursued academic discussions with some of the regulatory agencies such as the San Francisco Bay Regional Water Quality Control Board. These have yielded encouraging feedback on

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the ecological feasibility of centralized stormwater capture, which sets the stage for future investigation of issues related to regulations, laws, and water rights pertinent to aquatic and other wildlife resources.

**ATTACHMENTS:**

Attachment 1: PowerPoint

**UNCLASSIFIED MANAGER:**

Kirsten Struve, 408-630-3138



# Storm Flow Capture, Treatment & Recharge

Recycled Water Committee  
September 28, 2022

Bridget C. Gile & Richard G. Luthy  
Stanford University

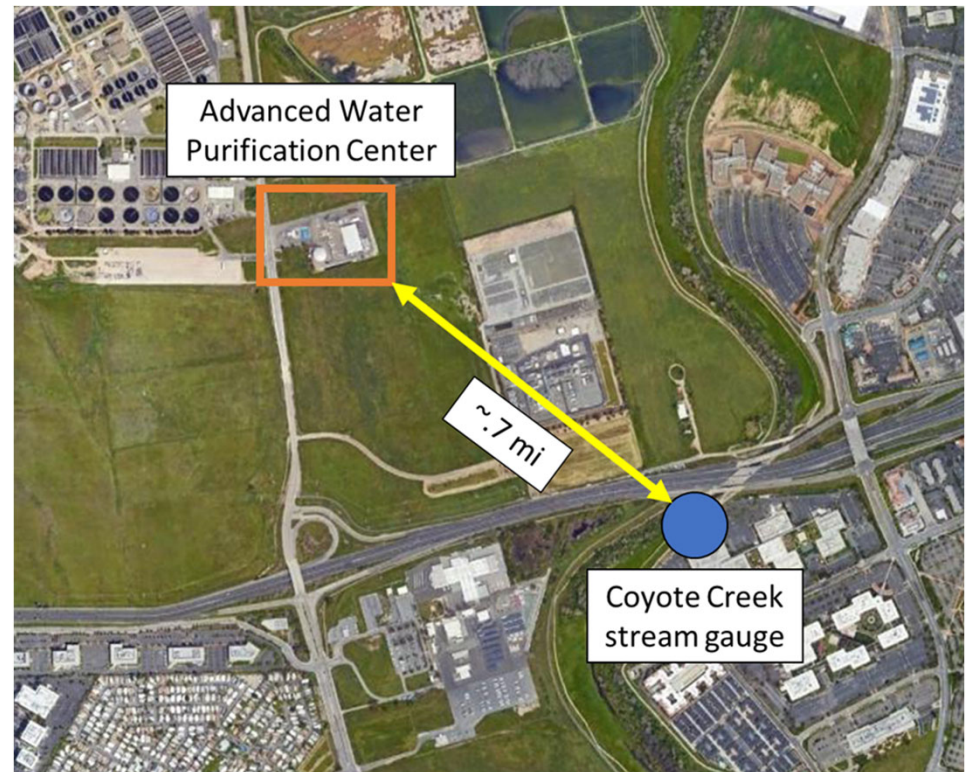




## Phase I: Can stormwater contribute to water supply?

2

- Coyote Creek could contribute ~10,000 AFY to Los Gatos recharge
- Centralized stormwater capture, treatment & recharge offers significant quantities compared to other stormwater options



Google Earth

valleywater.org

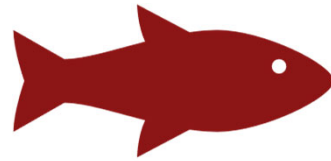


## Phase II: What potential challenges must be addressed to utilize runoff for water supply?

3



WATER  
QUALITY



ECOLOGICAL  
FLOWS



TREATMENT  
TRAINS



## Phase II: Water Quality

- Conducted 6 sampling events since Nov. 2021
- Types of contaminants tested:
  - Basic water quality parameters
  - Organic compounds
  - Pesticides and herbicides
  - Heavy metals
  - Perfluorochemicals



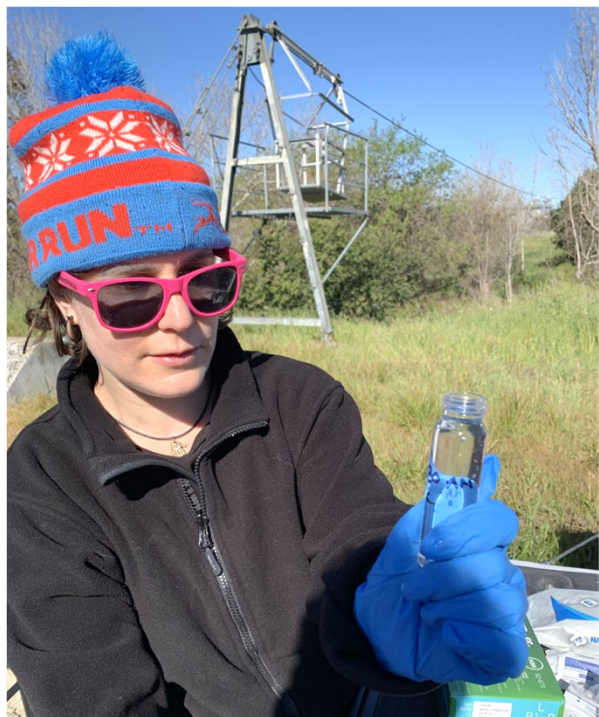
Sample collection (July 19, 2022)





# Water Quality: Preliminary Findings

5



March 10, 2022

- **Heavy metal constituents** satisfy safe drinking water levels
  - 7 detected at very low levels
- **Trace organics** may need treatment
  - Only a few compounds detected at low levels
- **PFAS compounds** likely need treatment
  - Detected near/above CA notification levels
  - PFOS: 3-18 ppt
  - PFOA: 2-14 ppt

	PFOA	PFOS
Notification Level	5.1 ppt	6.5 ppt
Response Level	10 ppt	40 ppt



## Phase II: Ecological Flows

6

- Stanford Team initiated ecological discussions with resource management professionals
- Concept met with interest and encouragement
- Recognition that stormwater capture offers unique co-benefits



**NOAA**  
**FISHERIES**







# Ecological Flows: Next Steps

7

- Stanford Team
  - Synthesize findings from ecological discussions



Bay Area One Water  
Network workshop  
(June 28, 2022)



# Summary of Next Steps

- Continue sampling, especially wet weather
- Investigate total dissolved solids
- Further investigation of stormwater quality to avoid negatively impact on groundwater
- Continue exploring implications of regulatory, environmental, and water rights



# QUESTIONS



Attachment 1  
Page 9 of 10



# Valley Water

Clean Water • Healthy Environment • Flood Protection

Attachment 1  
Page 10 of 10



# Santa Clara Valley Water District

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**File No.:** 22-1019

**Agenda Date:** 9/28/2022

**Item No.:** 4.5.

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## **COMMITTEE AGENDA MEMORANDUM Recycled Water Committee**

### **SUBJECT:**

Discuss the 2022 Recycled Water Committee Work Plan, Upcoming Discussion Items, and Next Meeting Date.

### **RECOMMENDATION:**

Receive information on the 2022 Recycled Water Committee Work Plan and provide feedback on upcoming discussion items and next meeting date.

### **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.

At the February 1, 2022 meeting, the Committee approved the 2022 work plan that has agenda items necessary for the continuation of the recycled water projects. An updated 2022 work plan (Attachment 1) proposes changes for the remaining meetings in the year.

Staff solicits Committee feedback on any additional timeline information for holding discussions on the assigned Work Plan items, and confirmation of the next meeting date on October 26, 2022.

### **ATTACHMENTS:**

Attachment 1: 2022 Revised Work Plan

### **UNCLASSIFIED MANAGER:**

Candice Kwok-Smith, 408-630-3193

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# REVISED RWC 2022 WORKPLAN

Task	Agenda Item	January	February	March	April	May	June	July	August	Sept. - Site Tour	September	October	November	December
<b>Focus 1: Advance the Purified Water Program by releasing an RFP for at least one locally-sponsored project</b>														
<b>1.1</b>	Update on Purified Water Program including Partnership with Cities of San Jose and Palo Alto.	X		X		X	X		X		X	X	X	X
<b>1.2</b>	Independent Advisory Panel.													
<b>1.3</b>	Update on Public Private Partnership [P3] Procurement.	X		X		X	X		X		X	X	X	X
<b>Focus 2: Implement the CoRe Plan</b>														
<b>2.1</b>	Implement the Countywide Water Reuse Master Plan (CoRe Plan)								X					
<b>2.2</b>	Joint Mtg Prep/Debrief: TPAC			X										
<b>2.3</b>	Joint Mtg Prep/Debrief: Cities of Palo Alto/Mtn View.													
<b>2.4</b>	Joint Mtg Prep/Debrief: City of Sunnyvale.													
<b>2.5</b>	Update on SFPUC/BAWSCA Collaboration Efforts.													
<b>Focus 3: Continue to monitor Direct Potable Reuse (DPR) guidance and implement actions as needed.</b>														
<b>3.1</b>	Actively Engage in Direct Potable Reuse					X					X			
<b>Focus 4: Finalize negotiations on term sheet for South County recycled water and agreement on governance</b>														
<b>4.1</b>	South Santa Clara County Water Reuse Collaboration.			X			X				X			
<b>Focus 5: Continue to monitor feasibility of desalination</b>														
<b>5.1</b>	Continue to monitor feasibility of desalination.					X								
<b>Others</b>														
<b>0.1</b>	Regional discussion on options : Feasibility analysis of Recycled Water Exchange with Contra Costa Water District and Central Contra Costa Sanitary District and feasibility of desalination.													
<b>0.2</b>	Update on Bottling Purified and water tasting station at the SVAWPC.	X							X					
<b>0.3</b>	Urban Runoff Study with Stanford University.	X									X	X		
<b>0.4</b>	Outreach Efforts.	X		X		X	X		X		X	X	X	X
<b>0.5</b>	Alternative Purification Technologies in Response to 04/12/22 Board Meeting Public Comment					X								

\*Blue strikes - items added on updated work plan

\*Red strikes - items deleted from current work plan

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