



## Santa Clara Valley Water District Recycled Water Committee Meeting

Join Zoom Meeting:

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

Join by Phone:

1 (669) 900-9128, 99518153521#

### REGULAR MEETING AGENDA

Friday, April 9, 2021  
11:00 AM

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

#### RECYCLED WATER COMMITTEE

Tony Estremera - District 6, Chair  
Barbara Keegan - District 2, Vice  
Chair  
Gary Kremen - District 7, 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, or through a link in the Zoom Chat Section during the respective meeting. 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.

GARTH HALL  
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.**

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

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Friday, April 9, 2021

11:00 AM

Via Teleconference

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**IMPORTANT NOTICES**

This meeting is being held in accordance with the Brown Act as currently in effect under the State Emergency Services Act, the Governor's Emergency Declaration related to COVID-19, and the Governor's Executive Order N-29-20 issued on March 17, 2020 that allows attendance by members of the Committee, staff, and the public to participate and conduct the meeting by teleconference, videoconference, or both.

Members of the public wishing to address the Committee during a video conferenced meeting on an item not listed on the agenda, or any item listed on the agenda, should use the "Raise Hand" tool located in Zoom meeting link listed on the agenda. Speakers will be acknowledged by the Committee Chair in the order requests are received and granted speaking access to address the Committee.

Santa Clara Valley Water District (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 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 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 Committee on any item not listed on the agenda should access the "Raise Hand" tools 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.

[21-0273](#)

Recommendation: Approve the minutes of the February 24, 2021 meeting.

Manager: Michele King, 408-630-2711

Attachments: [Attachment 1: 022421 Minutes](#)

**4. ACTION ITEMS:**

- 4.1. Update on Purified Water Program. [21-0274](#)

Recommendation: Receive information on:

- A. Partnership with Cities of San José and Palo Alto;
- B. Public Private Partnership; and
- C. Countywide Water Reuse Master Plan.

Manager: Kirsten Struve, 408-630-3138

Attachments: [Attachment 1: Scoping Meeting Mailer](#)

- 4.2. Preparation for Joint Recycled Water Policy Advisory Committee (City of San Jose/Valley Water/City of Santa Clara-TPAC) Upcoming Meeting tentatively scheduled for April 29, 2021. [21-0276](#)

Recommendation: Receive information and provide comments on tentatively scheduled April 29, 2021 Joint Recycled Water Policy Advisory Committee (JRWPAC) (City of San José/Valley Water/City of Santa Clara).

Manager: Kirsten Struve, 408-630-3138

Attachments: [Attachment 1: PowerPoint](#)

- 4.3. Discuss the 2021 Recycled Water Committee Work Plan, Upcoming Discussion Items, and Next Meeting Date. [21-0277](#)

Recommendation: Accept the updated 2021 Recycled Water Committee Work Plan and provide feedback on upcoming discussion items and meeting schedule.

Manager: Michele King, 408-630-2711

Attachments: [Attachment 1: 2021 Work Plan](#)  
[Attachment 2: Updated 2021 Work Plan](#)

**5. INFORMATION ITEMS:**

**6. 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.*

**7. ADJOURN:**

- 7.1. Adjourn to Regular Meeting at 12:00 p.m., on May 26, 2021, to be called to order in compliance with the State Emergency Services Act, the Governor's Emergency Declaration related to COVID-19, and the Governor's Executive Order N-29-20.





# Santa Clara Valley Water District

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**File No.:** 21-0273

**Agenda Date:** 3/24/2021  
**Item No.:** 3.1.

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## COMMITTEE AGENDA MEMORANDUM

### Recycled Water Committee

**SUBJECT:**

Approval of Minutes.

**RECOMMENDATION:**

Approve the minutes of the February 24, 2021 meeting.

**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 the District's historical records archives and serve as historical records of the Committee's meetings.

**ATTACHMENTS:**

Attachment 1: 022421 Minutes

**UNCLASSIFIED MANAGER:**

Michele King, 408-630-2711

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RECYCLED WATER COMMITTEE MEETING

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# MINUTES

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**WEDNESDAY, FEBRUARY 24, 2021  
11:00 AM**

(Paragraph numbers coincide with agenda item numbers)

**1. CALL TO ORDER:**

A regular meeting of the Santa Clara Valley Water District (Valley Water) Recycled Water Committee (Committee) was called to order via Zoom video teleconference at 11:00 a.m.

1.1 Roll Call.

Committee members participating by teleconference were District 3 Director R. Santos, District 7 Director G. Kremen, and District 6 Director T. Estremera, Chairperson presiding, constituting a quorum of the Committee.

Staff in attendance was E. Sans, Assistant Deputy Clerk II.

Staff participating by teleconference were H. Ashktorab, A. Baker, R. Barajas, H. Barrientos, B. Broome, A. Fulcher, V. Gin, E. Latedjou-Durant, M. Lugo, H. McMahon, D. Mody, L. Orta, M. Richardson, D. Rocha, M. Silva, M. Sinaki, K. Struve, C. Sun, D. Taylor, S. Tran, D. Tucker, K. Wong, and T. Yoke.

Also in attendance were Valley Water consultant contractors D. Chen, HDR, Inc.; P. Daniel, Liquisti, LLC; and S. Ziegler and J. Polsky-Sanchez, EMC Research.

District 4 Director L. LeZotte and District 1 Director J. Varela observed without participating in the meeting.

**2. TIME OPEN FOR PUBLIC COMMENTS 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:**

3.1 Approval of Minutes.

Recommendation: Approve the minutes of the January 15, 2021 meeting.

02/24/21

1  
**Attachment 1**

The Committee considered the attached minutes of the January 15, 2021 meeting.

Move to Approve: G. Kremen  
Second: T. Estremera  
Yeas: G. Kremen, T. Estremera  
Nays: None  
Abstains: R. Santos  
Recuses: None  
Absent: None  
Summary: 2 Yeas; 0 Nays; 1 Abstains; 0 Absent.

#### **4. ACTION ITEMS:**

##### **4.1 Nominate and Elect a Vice Chairperson for Calendar Year 2021.**

Recommendation: Nominate and Elect a Vice Chairperson for Calendar Year 2021.

It was moved by Director Santos, seconded by Chairperson Estremera, and unanimously carried, to nominate and elect Director Kremen as 2021 Vice Chairperson.

##### **4.2 Public Private Partnership Updates.**

Recommendation: A. Receive update on negotiations with City of Palo Alto and Cities of San Jose and Santa Clara; and  
B. Receive update on the environmental process and Industry Day.

Ms. Kirsten Struve, Assistant Officer, reviewed the information on this item, per the attached Committee agenda memo.

The Committee requested that staff consider an interactive dialogue with private entities, similar to a pre-qualification process by the Valley Transport Authority, before coming up with a short list, and noted that Valley Water may benefit from experiences that will be shared by companies that have dealt with similar project challenges.

The Committee noted the information without formal action.

##### **4.3 Agreements with Partner Cities San Jose, Santa Clara, and Palo Alto.**

Recommendation: Receive information and provide feedback.

Ms. Struve reviewed the information on this item, per the attached Committee agenda memo.

Chairperson Estremera announced a meeting had been scheduled for him to meet with City of San Jose Mayor and Council Members, to ask for their active participation and discuss policy or any questions they may have. He said that a

similar meeting was scheduled for Vice Chairperson Kremen with the City of Santa Clara Mayor and Council Members.

The Committee noted the information without formal action.

**4.4 South County Recycled Water Collaboration.**

Recommendation: Receive information and provide feedback.

Mr. David Tucker, Associate Civil Engineer, reviewed the information on this item, per the attached Committee Agenda Memo.

The Committee noted the information without formal action.

**4.5 Presentation of Comprehensive Community Outreach and Engagement Plan for Purified Water Program.**

Recommendation: Receive information and provide feedback.

Ms. Marta Lugo, Assistant Officer, reviewed the information on this item, per the attached Committee Agenda Memo, and the corresponding presentation materials contained in Attachment 1 were reviewed by staff as follows: Ms. Lugo, reviewed Slides 1 through 8, and 10 through 14, and Ms. Jessica Polsky-Sanchez, EMC Research Vice President, reviewed Slide 9.

The Committee noted the information without formal action.

**4.6 Consider Recommendation to Amend the 2021 Legislative Guiding Principles to Include Revision of Principle (I)(A)(3) Regarding Recycled Water.**

Recommendation: Approve Committee Recommendation to Board for Amendment of the 2021 Legislative Guiding Principles to revise principle (I)(A)(3) regarding recycled water to bolster advocacy for direct potable reuse regulations.

Mr. Bart Broome, Assistant Officer, reviewed the information on this item, per the Committee agenda memo.

The Committee approved the recommendation to the Board for Amendment of the 2021 Legislative Guiding Principles to revise principle (I)(A)(3) regarding recycled water.

Move to Approve:	R. Santos
Second:	G. Kremen
Yeas:	G. Kremen, R. Santos, T. Estremera
Nays:	None
Abstains:	None
Recuses:	None
Absent:	None

Summary: 3 Yeas; 0 Nays; 0 Abstains; 0 Absent.

**4.7 Discuss the 2021 Recycled Water Committee Work Plan, Upcoming Discussion Items, and Next Meeting Date.**

Recommendation: Accept the updated 2021 Recycled Water Committee Work Plan and provide feedback on upcoming discussion items and meeting schedule.

The Committee acknowledged the updated 2021 work plan.

**5. INFORMATION ITEMS:**

None.

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

Ms. Sans confirmed that there were no new Committee Recommendations or Requests.

**7. ADJOURN:**

7.1 Chairperson Estremera adjourned the meeting at 12:00 p.m. to the next regularly scheduled meeting at 12:00 p.m. on March 24, 2021, to be called to order in compliance with the State Emergency Services Act, the Governor's Emergency Declaration related to COVID-19, and the Governor's Executive Order N-29-20.

Eva Marie Sans  
Assistant Deputy Clerk II

Approved:

Date:



# Santa Clara Valley Water District

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**File No.:** 21-0274

**Agenda Date:** 4/9/2021  
**Item No.:** 4.1.

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## COMMITTEE AGENDA MEMORANDUM

### Recycled Water Committee

#### **SUBJECT:**

Update on Purified Water Program.

#### **RECOMMENDATION:**

Receive information on:

- A. Partnership with Cities of San José and Palo Alto;
- B. Public Private Partnership; and
- C. Countywide Water Reuse Master Plan.

#### **SUMMARY:**

P3 and Partnership with Cities of San José and Palo Alto

Per Board direction, staff continues to advance an approximately 11,000 acre-feet indirect potable reuse project (i.e., groundwater recharge) using a fixed-price Design-Build-Finance-Operate-Maintain delivery method.

During March 2021, this project completed several important milestones:

1. CEQA: Release of Notice of Preparation and public scoping meeting on March 29, 2021. Outreach was conducted to encourage attendance at the scoping meeting via an outreach mailer (Attachment 1), announcements at tours of the Silicon Valley Advanced Purification Center, and continued engagements with staff from the Cities of San Jose and Palo Alto to reach key stakeholder groups.
2. Industry Day to provide an overview of the project to interested potential private partners on March 30, 2021. The project is receiving strong international attention by potential firms.
3. Geotechnical investigation at the future advanced water purification facility in San Jose is scheduled to be completed on March 31, 2021.

In addition, staff continues to work with City of Palo Alto staff on an option to lease the former Los Altos Treatment Plant site and secure options for Reverse Osmosis concentrate management. Staff will next work on obtaining access to the Palo Alto site to conduct a geotechnical investigation. Once

the investigation is complete, staff will draft reports documenting our findings from both the San Jose and Palo Alto sites for future inclusion into the RFP later this fall.

Staff provided an update on the project and negotiations at the March 19, 2021 joint meeting between the Valley Water Board and the City of San José City Council.

### Countywide Water Reuse Master Plan (CoRe Plan)

Since our last update with the Committee in November 2020, staff has collaborated with our Project Partners, regulatory staff, and interested stakeholders to incorporate their feedback on the Draft CoRe Plan released on October 20, 2020. Staff will discuss with the Committee recent project highlights, milestones and schedule for CoRe Plan completion, P3 program support, recent regulatory developments, and next steps. The Final CoRe Plan will be finalized in May 2021, completing a multi-year planning process that will present water reuse strategies and recommendations for potable water implementation in Santa Clara County.

### **Upcoming Schedule and Next Steps**

The release of the RFQ for the Purified Water P3 Project is scheduled for mid-April 2021. A Board decision on which project alternative to select (i.e., Palo Alto or San José) is targeted for the third quarter of 2021.

### **ATTACHMENTS:**

Attachment 1: Scoping Meeting Mailer

### **UNCLASSIFIED MANAGER:**

Kirsten Struve, 408-630-3138





## The Purified Water Project

Valley Water must meet future water demand and identify a sustainable water supply to combat the effects of climate change. The Purified Water Project will help meet those water supply goals, which includes providing at least 10% of water demand in Santa Clara County through recycled and purified water by 2025. The project will allow Valley Water to develop the use of purified water to supplement existing water sources in a manner that minimizes environmental impacts.

The Purified Water Project will evaluate building an advanced water purification facility at one of two potential sites:

1. Expansion at the existing Silicon Valley Advanced Water Purification Center located on Zanker Road in San Jose;
2. At the former Los Altos Treatment Plant site, which is owned by the City of Palo Alto and located on San Antonio Road in Palo Alto.



Silicon Valley Advanced Water Purification Plant.

When completed, this project will build a facility capable of providing at least 10 million gallons per day of high-quality, drought-resilient water.

## Join Our Public Meeting!

Valley Water is hosting a virtual scoping meeting for the Purified Water Project on Monday, March 29, 2021 from 5:30 p.m. to 7:30 p.m. At this meeting, the community will learn more about the project, the planning process and provide feedback related to environmental impacts that will be analyzed as part of the California Environmental Quality Act (CEQA) process.

### Virtual Purified Water Project Scoping Meeting

March 29, 2021  
5:30 p.m. - 7:30 p.m.

<https://valleywater.zoom.us/j/94477342812>

Dial-in: +1 669 900 9128  
Webinar ID: 944 7734 2812

For more information about the project, including the project Notice of Preparation (NOP), you can also visit the project website:

[www.valleywater.org/PurifiedWaterProject](http://www.valleywater.org/PurifiedWaterProject)  
or contact the following Valley Water staff.

<b>Elise Latedjou-Durand</b> , Senior Environmental Planner <a href="mailto:EDurand@valleywater.org">EDurand@valleywater.org</a> (408) 630-3205	<b>Albert Le</b> , Community Liaison <a href="mailto:AlbertLe@valleywater.org">AlbertLe@valleywater.org</a> (408) 630-2860
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View of Oka Groundwater Recharge Ponds near Los Gatos Creek.

## About Valley Water



Valley Water effectively manages 10 dams and surface water reservoirs, three water treatment plants, an advanced water purification center, and a state-of-the-art water quality laboratory. Valley Water provides wholesale water and groundwater management services to local municipalities and private water retailers who deliver drinking water to homes and businesses. As the flood protection authority for Santa Clara County, Valley Water annually prepares creeks for winter rains through levee maintenance, sediment removal, bank repair and vegetation management.

For more information, contact your Neighborhood Liaison, **Albert Le** at (408) 630-2860 or by email at [AlbertLe@valleywater.org](mailto:AlbertLe@valleywater.org).

Si habla español y tiene preguntas sobre el contenido de este mensaje por favor de comunicarse con Jose Villarreal al [JVillarreal@valleywater.org](mailto:JVillarreal@valleywater.org) o (408) 630-2879.

Nếu bạn nói tiếng Việt và có thắc mắc về nội dung của thông báo này, xin vui lòng liên hệ với Hoan Cutler [HCutler@valleywater.org](mailto:HCutler@valleywater.org) hoặc (408) 630-3135.

如果你說中文並對上述訊息有疑問,請聯繫 Julia Tat, 電郵 [jtat@valleywater.org](mailto:jtat@valleywater.org), 或者電話: (408) 630-3168.

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## Valley Water

Santa Clara Valley Water District  
5750 Almaden Expressway  
San José, CA 95118-3686  
[www.valleywater.org](http://www.valleywater.org)

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SAN JOSE CA  
PERMIT NO. 1231

## Ensuring a Reliable Groundwater Supply

Valley Water is expanding its ability to replenish its groundwater with purified water, a drought-resilient and locally controlled water source.



You're invited! Please join us for our  
**Virtual Public Purified Water Project Scoping Meeting**

Monday, March 29, 2021

[See inside for more information.](#)

[valleywater.org](http://valleywater.org)

Clean Water • Healthy Environment • Flood Protection

**Attachment 1**

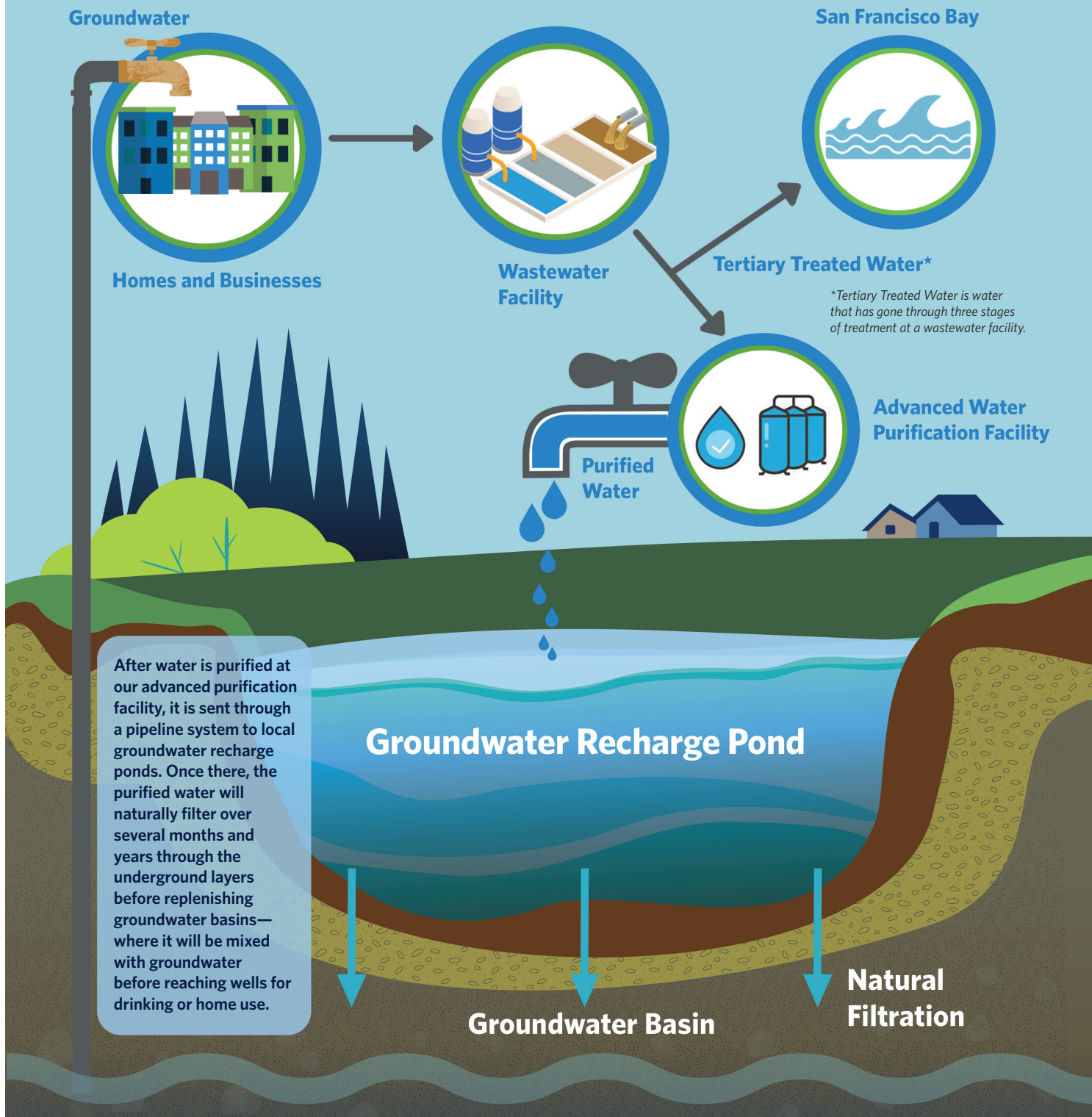


# The Purified Water Project



## Ensuring a Reliable Groundwater Supply

Each year, record-setting temperatures and extreme weather alert us to the impact of climate change. It has never been more evident that California's changing climate and frequent droughts threaten our natural resources. As the water resource manager for Santa Clara County, Valley Water is committed to securing and maintaining a safe, reliable water supply for our community in a sustainable manner that protects our environment. That's why replenishing our groundwater supply with advanced purified water is a key component of that commitment. Building off the success of the Silicon Valley Advanced Water Purification Center, Valley Water will expand our water reuse efforts through recycled water technology.



# The Purified Water Project

## ADVANCED WATER PURIFICATION PROCESS

### HIGHLY TREATED WASTEWATER

This water originally comes from the drains of homes and businesses and is treated three times at a wastewater facility.



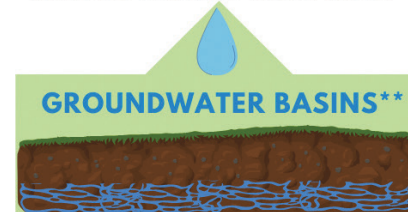
#1 MICROFILTRATION



#2 REVERSE OSMOSIS



#3 UV LIGHT DISINFECTION AND ADVANCED OXIDATION



GROUNDWATER BASINS\*\*

## TYPICAL WATER TREATMENT PROCESS\*

### RAW (UNTREATED) WATER

Water from local reservoirs or imported water sources like the Central Valley and Sierra Nevada Mountains.



#1 REMOVE SOLIDS



#2 OZONE DISINFECTION



#3 FILTRATION



WATER RETAILERS

\*Specific processes may vary between different water treatment plants.  
 \*\*Purified water has many uses—the water from the Purified Water Project will be used to recharge groundwater basins.



## What is Purified Water?

Water has always been nature's renewable resource and is constantly moving through the water cycle. Purifying water simply speeds up that natural process by using a multi-step effort to remove potential water contaminants, creating a drought-resilient and sustainable water source.

As shown on the left, our purification and water treatment processes are both effective in producing safe, clean water.

## How Safe is Purified Water?

Purified water is safe and meets or exceeds state and federal drinking water standards. It is tested regularly by our certified Water Quality Lab to ensure safety and quality.

Upon completion of the Purified Water Project, Valley Water will be able to use purified water to add to our groundwater replenishment efforts. Valley Water will join many other places in the United States and worldwide in using this water purification and replenishment method, including Monterey and Orange counties in California, Texas, Australia and Singapore.

To learn more about how purified water is used as a drinking water source and the purification treatment process, please visit [purewater4u.org](http://purewater4u.org). There, you can also sign up for tours of the existing Silicon Valley Advanced Water Purification Center.



# Santa Clara Valley Water District

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**File No.:** 21-0276

**Agenda Date:** 4/9/2021

**Item No.:** 4.2.

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## COMMITTEE AGENDA MEMORANDUM

### Recycled Water Committee

**SUBJECT:**

Preparation for Joint Recycled Water Policy Advisory Committee (City of San Jose/Valley Water/City of Santa Clara-TPAC) Upcoming Meeting tentatively scheduled for April 29, 2021.

**RECOMMENDATION:**

Receive information and provide comments on tentatively scheduled April 29, 2021 Joint Recycled Water Policy Advisory Committee (JRWPAC) (City of San José/Valley Water/City of Santa Clara).

**SUMMARY:**

This item will provide the Recycled Water Committee (RWC) a preview of the draft presentation on the Silicon Valley Advanced Water Purification Center (SVAWPC) and South Bay Water Recycling (SBWR) budgets, including the respective proposed fiscal year 2021-2022 budget. This draft presentation is planned for the tentatively scheduled April 29, 2021 JRWPAC meeting.

On March 2, 2010, the Recycled Water Facilities and Programs Integration Agreement (Integration Agreement) was executed between the City of San José and Valley Water. The Integration Agreement requires on an annual basis that the parties review the budgets of SBWR and SVAWPC and makes recommendations for the ensuing fiscal year for the maintenance, expansion, replacement, improvement, and operation of the SBWR and the SVAWPC. The proposed fiscal year 2021-2022 budget for SBWR is forthcoming and for the SVAWPC is \$4,933,549.

**ATTACHMENTS:**

Attachment 1: PowerPoint

**UNCLASSIFIED MANAGER:**

Kirsten Struve, 408-630-3138

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# x.x Proposed O&M Budgets for SVAWPC and SBWR (FY 21-22)





# SWAWPC O&M Highlights

SWAWPC product water met all permit requirements

SWAWPC reverse osmosis (RO) concentrate met all City requirements

Valley Water continues to optimize plant operations and perform proactive maintenance at SWAWPC

- Micro filtration (MF) autopsy and special clean-in-place
- Plant-scale RO clean-in-place
- Annual plant maintenance activities (tank inspections, biennial electrical testing, etc.)

# SVAWPC Budget (FY20-22)

Description	FY20 Actual <sup>1</sup>	FY21 Adopted	FY22 Proposed <sup>2</sup>
Energy	\$612,559	\$600,000	\$643,000
Chemicals	\$502,588	\$420,000	\$420,000
Labor	\$1,581,618	\$1,626,676	\$1,659,756
Other operations & maintenance (O&M) services & supplies	\$1,798,398	\$2,247,028 <sup>3</sup>	\$2,210,793 <sup>4</sup>
Sinking fund <sup>5</sup> increase/(decrease)	(\$607,862)	(\$390,000)	\$0
<b>Total O&amp;M Cost</b>	<b>\$3,887,301</b>	<b>\$4,503,704</b>	<b>\$4,933,549</b>

# SVAWPC Budget (FY20-22)

- <sup>1</sup>These are (draft) financial audited numbers for FY20.
- <sup>2</sup>FY22 proposed budget is subject to Valley Water Board approval.
- <sup>3</sup>This includes items listed in the Valley Water Annual Maintenance Work Plan (AMWP) for FY21, i.e. biennial electrical testing, MF system evaluation, and RO transfer pump/motor rehab/rebuilt, analyzer replacements, etc.
- <sup>4</sup>This includes items listed in the Valley Water AMWP for FY22, i.e. tank inspections, UV parts replacement, chemical feed pump replacement, etc.
- <sup>5</sup>Sinking reserve fund was set up in FY15 for \$939,000 and \$967,000 was added in FY16. With \$1,906,000 accumulated in the sinking reserve fund, no additional funds have been budgeted since FY17. In FY20, \$607,862 was used for RO membrane replacement; in FY21, \$390,000 is budgeted for UV lamps and MF membrane replacement; in FY22, no sinking fund is proposed to be used.
- Other small capital projects that are not included in the SVAWPC O&M budget: SVAWPC storage building project and working trailer procurement, the FY21 budget is about \$750,000.





# Santa Clara Valley Water District

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**File No.:** 21-0277

**Agenda Date:** 4/9/2021  
**Item No.:** 4.3.

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## BOARD AGENDA MEMORANDUM

### **SUBJECT:**

Discuss the 2021 Recycled Water Committee Work Plan, Upcoming Discussion Items, and Next Meeting Date.

### **RECOMMENDATION:**

Accept the updated 2021 Recycled Water Committee Work Plan and provide feedback on upcoming discussion items and 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.

At the January 15, 2021 meeting, the Committee approved the 2021 work plan that has agenda items necessary for the continuation of the recycled water projects (Attachment 1). 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. An updated 2021 work plan (Attachment 2) proposes changes for the remaining meetings in the year.

### **FINANCIAL IMPACT:**

There is no financial impact associated with this item.

### **CEQA:**

The recommended action does not constitute a project under CEQA because it does not have the potential for resulting in direct or reasonably foreseeable indirect physical change in the environment.

### **ATTACHMENTS:**

Attachment 1: 2021 Work Plan

Attachment 2: Updated 2021 Work Plan

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**File No.:** 21-0277

**Agenda Date:** 4/9/2021  
**Item No.:** 4.3.

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**UNCLASSIFIED MANAGER:**  
Michele King, 408-630-2711

## PROPOSED RWC 2021 WORKPLAN

Task	Agenda Item	Staff/Lead												
			January 2021	February 2021	March 2021	April 2021	May 2021	June 2021	July 2021	August 2021	September 2021	October 2021	November 2021	December 2021
1	Update on Purified Water Program including Partnership with Cities of San Jose and Palo Alto	K. Struve	X	X	X	X	X	X	X	X	X	X	X	X
2	Countywide Water Reuse Master Plan	K. Struve			X									
3	Joint Mtg Prep/Debrief: TPAC	K. Struve			X									
4	Joint Mtg Prep/Debrief: Cities of Palo Alto/Mtn View	K. Struve		X					X					
5	Joint Mtg Prep/Debrief: City of Sunnyvale	K. Struve					X							
6	Update on SFPUC/BAWSCA Collaboration Efforts	K. Struve												X
7	Conceptual Recycled Water Exchange with Contra Costa Water District and Central Contra Costa Sanitary District	K. Struve				X								
8	IRS Letter	K. Struve/C. Sun												
9	Evaluate and propose policy options related to centralized and decentralized reuse for Committee's consideration	K. Struve						X						
10	Regional discussions on options to meeting the Board's 10% recycled water goal using either desalination and brackish water	K. Struve				X								
11	Update on Bottling Purified Water at the SVAWPC	K. Struve						X						X
12	Update on the Independent Advisory Panel Meeting	K. Struve											X	
13	Update on Public Private Partnership (P3) Procurement	K. Struve	X	X	X	X	X	X	X	X	X	X	X	X
14	Urban Runoff Study with Stanford University	K. Struve						X						X
15	Outreach Efforts	K. Struve/M. Lugo			X				X				X	
16	South Santa Clara County Water Reuse Opportunities	K. Struve						X						
17	South Santa Clara County Water Reuse Governance	K. Struve			X						X			

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## UPDATED RWC 2021 WORKPLAN

Task	Agenda Item	2021											
		January 2021	February 2021	March 2021	April 2021	May 2021	June 2021	July 2021	August 2021	September 2021	October 2021	November 2021	December 2021
1	Update on Purified Water Program including Partnership with Cities of San Jose and Palo Alto	X	X		X	X	X	X	X	X	X	X	X
2	Countywide Water Reuse Master Plan				X								
3	Joint Mtg Prep/Debrief: TPAC												
4	Joint Mtg Prep/Debrief: Cities of Palo Alto/Mtn View							X					
5	Joint Mtg Prep/Debrief: City of Sunnyvale					X							
6	Update on SFPUC/BAWSCA Collaboration Efforts												X
7	Conceptual Recycled Water Exchange with Contra Costa Water District and Central Contra Costa Sanitary District				X								
8	IRS Letter												
9	Evaluate and propose policy options related to centralized and decentralized reuse for Committee's consideration						X						
10	Regional discussions on options to meeting the Board's 10% recycled water goal using either desalination and brackish water				X								
11	Update on Bottling Purified Water at the SVAWPC						X						X
12	Update on the Independent Advisory Panel Meeting											X	
13	Update on Public Private Partnership (P3) Procurement	X	X		X	X	X	X	X	X	X	X	X
14	Urban Runoff Study with Stanford University					X							X
15	Outreach Efforts		X				X						
16	South Santa Clara County Water Reuse Opportunities					X							
17	South Santa Clara County Water Reuse Governance		X							X			

CANCELED MEETING

\*Blue strikes - item/s added on updated work plan

\*Red strikes - item/s deleted from current work plan

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