

Santa Clara Valley Water District Recycled Water Committee Meeting

Teleconference

REGULAR MEETING AGENDA

Thursday, October 21, 2021 3:00 PM

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

RECYCLED WATER COMMITTEE

Tony Estremera - District 6, Chair Gary Kremen - District 7, Vice Chair Richard Santos - District 3 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

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

Thursday, October 21, 2021

3:00 PM

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IMPORTANT NOTICES

This meeting is being held in accordance with the Brown Act as currently in effect and Santa Clara Valley Water District Resolution 21-85, adopted on September 28, 2021, in compliance with the provisions of AB361 (Rivas), that allows attendance by members of the Board of Directors, Board Committees, District staff, and the public to conduct and participate in meetings of the legislative bodies by teleconference, videoconference, or both.

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.

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. seg. 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 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 World website. maintained on the Wide Web at https://emma.msrb.org/ https://www.valleywater.org/how-we-operate/financebudget/investor-relations, respectively.

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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" 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.

<u>21-1072</u>

Recommendation: Approve the minutes of the August 25, 2021, and September

22, 2021 meetings.

Manager: Michele King, 408-630-2711

Attachments: Attachment 1: 082521 Minutes

Attachment 2: 092221 Minutes

4. ACTION ITEMS:

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4.1. Update on Purified Water Program Including Partnerships with Cities of San Jose and Palo Alto.

Recommendation: Receive information on:

1. Public Private Partnership (P3)

- 2. Update on Collaboration with City of San Jose to develop the agreement
- Present Draft Agenda for the Joint Recycled Water Policy Committee with the Cities of Palo Alto, East Palo Alto and Mountain View
- 4. Reverse Osmosis Concentrate Management including Regional Board discussion
- 5. Outreach

Manager: Kirsten Struve, 408-630-3138

4.2. 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.

Manager: Michele King, 408-630-2557

Attachments: Attachment 1: 2021 Work Plan

Attachment 2: Updated 2021 Work Plan

5. INFORMATION ITEMS:

6. ADJOURN:

6.1. Adjourn to Regular Meeting at 12:00 p.m., on December 1, 2021, to be called to order in compliance with the Brown Act as currently in effect and Santa Clara Valley Water District Resolution 21-85, adopted on September 28, 2021, in compliance with the provisions of AB361 (Rivas).

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Santa Clara Valley Water District



File No.: 21-1072 Agenda Date: 10/21/2021

Item No.: 3.1.

COMMITTEE AGENDA MEMORANDUM Recycled Water Committee

SUBJECT:

Approval of Minutes.

RECOMMENDATION:

Approve the minutes of the August 25, 2021, and September 22, 2021 meetings.

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 Valley Water's historical records archives and serve as historical records of the Committee's meetings.

ATTACHMENTS:

Attachment 1: 082521 Minutes Attachment 2: 092221 Minutes

UNCLASSIFIED MANAGER:

Michele King, 408-630-2711



RECYCLED WATER COMMITTEE MEETING

MINUTES

WEDNESDAY, AUGUST 25, 2021 12:00 PM

(Paragraph numbers coincide with agenda item numbers)

1. CALL TO ORDER:

A regular meeting of the Santa Clara Valley Water District (Valley Water) Recycled Water Committee (Committee) was called to order via Zoom video teleconference at 12:00 p.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 M. Overland, Assistant Deputy Clerk II.

Staff participating by teleconference were H. Ashktorab, A. Baker, H. Barrientos, R. Callender, A. Fulcher, V. Gin, C. Kwok-Smith, E. Latedjou-Durant, M. Lugo, H. McMahon, C. Narayanan, C. Orellana, L. Orta, M. Richardson, M. Richert, D. Rocha, K. Struve, C. Sun, S. Tran, D. Tucker, K. Wong, B. Yerrapotu, and T. Yoke.

Also in attendance were Valley Water consultant contractors D. Chen, HDR, Inc., and P. Daniel, Liquisti, LLC.

District 5 Director N. Hsueh 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 July 28, 2021 meeting.

08/25/21

The Committee considered the attached minutes of the July 28, 2021 meeting.

Move to Approve: R. Santos Second: G. Kremen

Yeas: R. Santos, G. Kremen, T. Estremera

Nays: None Abstains: None Recuses: None Absent: None

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

4. ACTION ITEMS:

4.1 Update on Purified Water Program Implementation including Partnerships with Cities of San Jose and Palo Alto.

Recommendation: Receive information on:

- A. Procurement and technical activities supporting development of the request for proposals (RFP) for a Public Private Partnership Project for an indirect potable reuse project (P3 IPR Project);
- B. A potential P3 IPR Project; and
- C. Regulatory coordination necessary to obtain permits for a potential P3 IPR Project.

Mr. Aaron Baker, Chief Operating Officer, reviewed the information on this item, per the attached Committee Agenda Memo.

The Committee noted the information, without formal action.

4.2 Potable Reuse Implementation.

Recommendation: Receive information on the challenges of implementing an

Indirect Potable Reuse (IPR) or Direct Potable Reuse

(DPR) project.

Mr. Baker reviewed the information on this item, per the attached Committee Agenda Memo.

The Committee noted the information without formal action.

4.3 Presentation of Public Perception Survey Poll and Focus Groups Results on Advanced Purified Water and Public Outreach Update.

Recommendation: Presentation of Public Perception Survey Poll and Focus

Groups Results on Advanced Purified Water and Public

Outreach Update.

Ms. Marta Lugo, Assistant Officer, reviewed the information on this item, per the attached Committee Agenda Memo; Ms. Jessica Polsky-Sanchez, EMC

Research, reviewed the corresponding presentation materials contained in Attachment 1; and Ms. Gina Adriano, Public Information Representative, reviewed the corresponding presentation materials contained in Attachment 2.

The Committee noted the information, without formal action.

4.4 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 requested that the Office of Governmental Relations Unit make a presentation to the 25th District of Assemblyman Alex Tinming Lee to gain support for VW's recycled water program.

The Committee unanimously approved the Updated RWC 2021 Work Plan, attached herewith as Attachment 2.

5.	INF	ORM	ATIC	N	ITEMS:
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None.

6. ADJOURN:

6.1 Chairperson Estremera adjourned the meeting at 2:00 p.m. to the next regular meeting on September 22, 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.

Max Overland	
Assistant Deputy Clerk I	I

	Assistant Deputy Clerk II
Approved:	
Date:	



RECYCLED WATER COMMITTEE MEETING

MINUTES

WEDNESDAY, SEPTEMBER 22, 2021 12:00 PM

(Paragraph numbers coincide with agenda item numbers)

1. CALL TO ORDER:

A regular meeting of the Santa Clara Valley Water District (Valley Water) Recycled Water Committee (Committee) was called to order via Zoom video teleconference at 12:00 p.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 R. Callender, Chief Executive Officer, C. Orellana, District Counsel, H. Ashktorab, A. Baker, H. Barrientos, A. Fulcher, C. Kwok-Smith, E. Latedjou-Durant, C. Narayanan, L. Orta, M. Richardson, D. Rocha, K. Struve, C. Sun, D. Taylor, S. Tran, D. Tucker, K. Wong, and B. Yerrapotu.

Also in attendance was Valley Water consultant contractor, P. Daniel, Liquisti, LLC.

District 1 Director J. Varela and District 4 Director L. LeZotte 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. ACTION ITEMS:

3.1 Update on Purified Water Program Implementation including Partnerships with Cities of San Jose and Palo Alto.

Recommendation: Receive information on:

- A. Partnership discussions;
- B. P3 procurement status; and
- C. Grant Application to United States Bureau of Reclamation (USBR) Desalination & Water Purification Research Program (DWPR); and
- D. Outreach.

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

The Committee noted the information, without formal action.

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

Recommendation: Accept the updated 2021 Recycled Water Committee

(RWC) Work Plan and provide feedback on upcoming

discussion items and meeting schedule.

Chairperson Estremera informed the Committee that selected Valley Water Board members had a productive meeting with City of San Jose elected officials, and that meetings with City of Sunnyvale are upcoming to discuss recycled water opportunities.

The Committee unanimously accepted the Updated 2021 RWC Work Plan attached herewith as Attachment 2.

4. CLERK REVIEW AND CLARIFICATION OF COMMITTEE REQUESTS:

None.

5. ADJOURN:

5.1 Chairperson Estremera adjourned the meeting at 12:10 p.m. to the next regular meeting on October 27, 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	Ш

Approved:

Date:

Santa Clara Valley Water District



File No.: 21-1070 Agenda Date: 10/21/2021

Item No.: 4.1.

COMMITTEE AGENDA MEMORANDUM

Recycled Water Committee

SUBJECT:

Update on Purified Water Program Including Partnerships with Cities of San Jose and Palo Alto.

RECOMMENDATION:

Receive information on:

- 1. Public Private Partnership (P3)
- 2. Update on Collaboration with City of San Jose to develop the agreement
- 3. Present Draft Agenda for the Joint Recycled Water Policy Committee with the Cities of Palo Alto, East Palo Alto and Mountain View
- 4. Reverse Osmosis Concentrate Management including Regional Board discussion
- 5. Outreach

SUMMARY:

Staff continues to develop the Purified Water Project using a Public Private Partnership (P3) approach. The updates for this month include:

A. Procurement:

Staff continues to review the submitted Statements of Qualifications to develop a shortlist. Technical analyses are ongoing, and a draft RFP is being developed.

B. Partnership with the City of San José and Palo Alto:

Valley Water and City of San José staff mutually agreed on a facilitator and have scheduled the first facilitated meeting to resume discussions on agreements needed for the Purified Water Project.

Valley Water and Palo Alto staff continue to collaborate on the Purified Water Project. The following topics will be presented at the upcoming Joint RWC with Palo Alto, Mountain View and East Palo Alto: Update on Countywide Reuse Master Plan, Update on VW Collaboration with Partners related to Purified Water, Update on Public Private partnership.

C. Reverse Osmosis Concentrate Coordination with Palo Alto and the Regional Water Quality Control Board (Water Board)

Valley Water and the City of Palo Alto have continued their collaborative efforts focused on the proper management of RO Concentrate (ROC) resulting from the future Advanced Water

File No.: 21-1070 Agenda Date: 10/21/2021

Item No.: 4.1.

Purification Facility (AWPF) that will be constructed in Palo Alto. Building on the foundation of ROC management project and associated evaluations, pilot studies, and technical analysis completed during the past three (3) years, Valley Water staff - in coordination with the City of Palo Alto - have prepared a plan of action (ROC Management Plan - Palo Alto) to address ROC. Staff from Valley Water and the City of Palo Alto presented the ROC Management Plan - Palo Alto to the Water Board during a meeting on May 11, 2021.

Upon review of the proposed plan, the Water Board provided a Letter of Concurrence (dated Sep. 9, 2021) indicating that "the discharge of ROC through the existing outfall at the Palo Alto Regional Water Quality Control Plant (RWQCP) appears to be feasible". The Letter of Concurrence also states that in the short term, compliance for ROC discharge should be achievable based on permit modifications supported by the technical studies proposed in the ROC Management Plan - Palo Alto.

Based on the timeline of AWPF completion in 2028, the Water Board will consider necessary permit changes to the permit NPDES permit for Palo Alto RWQCP when up for renewal in 2024. These might be contingent upon continued dialogue regarding anticipated copper discharges and additional management practices to ensure compliance with foreseeable effluent limitations.

Staff will continue to work with the City of Palo Alto to carry out the steps proposed in the ROC Management Plan - Palo Alto which include various technical studies and evaluations. It is anticipated that the aforementioned would be completed within the next three (3) years.

D. Outreach

Valley Water continues to conduct stakeholder outreach to various groups and faith-based organizations. On September 7, staff met with Spark Church a multi-denominational, multi-ethnic, and multi-generational church to discuss the Purified Water Project. On September 9, Valley Water staff presented the project to the Mountain View Coalition of Sustainable Planning & Greenspaces. Staff also presented the Purified Water Project at the Palo Alto Parks and Recreation Commission on September 28. Additionally, on September 30, Valley Water met with the Santa Clara County Medical Association Environmental Committee. Staff will continue to follow up and pursue letters of support and referrals to other organizations for continued outreach.

ATTACHMENTS:

None.

UNCLASSIFIED MANAGER:

Kirsten Struve, 408-630-3138

Santa Clara Valley Water District



File No.: 21-1073 Agenda Date: 10/21/2021

Item No.: 4.2.

COMMITTEE AGENDA MEMORANDUM Recycled Water Committee

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.

ATTACHMENTS:

Attachment 1: 2021 Work Plan

Attachment 2: Updated 2021 Work Plan

UNCLASSIFIED MANAGER:

Michele King, 408-630-2557

RWC 2021 WORKPLAN

Task	Agenda Item	Staff/Lead	Janus	Februs	M2	April 20	1705	way 2021 In:-	74ne 2021 1	July 2021 Alic	Septon	Octob	Novemb	Decembo	oer 2021
1	Update on Purified Water Program including Partnership with Cities of San Jose and Palo Alto	K. Struve	х	х	х	х	х	х	х	х	Х	х	х	х	
2	Countywide Water Reuse Master Plan	K. Struve			Х										
3	Joint Mtg Prep/Debrief: TPAC	K. Struve			Х										
4	Joint Mtg Prep/Debrief: Cities of Palo Alto/Mtn View	K. Struve		Х					Х						
5	Joint Mtg Prep/Debrief: City of Sunnyvale	K. Struve					Х								
6	Update on SFPUC/BAWSCA Collaboration Efforts	K. Struve												Х	
7	Conceptual Recycled Water Exchange with Contra Costa Water District and Central Contra Costa Sanitary District	K. Struve				х									
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						х							
10	Regional discussions on options to meeting the Board's 10% recycled water goal using either desalination and brackish water	K. Struve				х									
11	Update on Bottling Purified Water at the SVAWPC	K. Struve						Х						Х	
12	Update on the Independent Advisory Panel Meeting	K. Struve											Х		
13	Update on Public Private Partnership (P3) Procurement	K. Struve	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	
14	Urban Runoff Study with Stanford University	K. Struve						Х						Х	
15	Outreach Efforts	K. Struve/M. Lugo			х				х				х		
16	South Santa Clara County Water Reuse Opportunities	K. Struve						Х							
17	South Santa Clara County Water Reuse Governance	K. Struve			Х						Х				

UPDATED RWC 2021 WORKPLAN

Task	Agenda Item	Janii	Februs	144arch	Apr. 1.2	May 20	June 30	July 302	August 3	September 2021	October 2021	November 2021	December 2022
	1: Advance the Expedited Purified Water Program by releasing an RFP for at least one locally-sponso e the Expedited Purified Water Program	red	pro	ject									
1.1	Update on Purified Water Program including Partnership with Cities of San Jose and Palo Alto (<i>Previously Work Plan Item No. 1</i>)	Х	х	CANCELED	Х	X	X	Х	X	x :	хх	X	
1.2	Independent Advisory Panel (Previously Work Plan Item No. 12)			ANC							Х		
1.3	Update on Public Private Partnership [P3] Procurement (Previously Work Plan Item No. 13)	X	X		X	X	X	X	Χ	X	ΧХ	X	
Focus	2: Implement the CoRe Plan												
2.1	Countywide Water Reuse Master Plan (Previously Work Plan Item No. 2)				Х		Х				Т	T	٦
2.2	Joint Mtg Prep/Debrief: TPAC (Previously Work Plan Item No. 3)			و ا	Х								
2.3	Joint Mtg Prep/Debrief: Cities of Palo Alto/Mtn View (Previously Work Plan Item No. 4)			CANCELED		Х)	X		
2.4	Joint Mtg Prep/Debrief: City of Sunnyvale (Previously Work Plan Item No. 5)			8						_	_	+	7
2.5	Update on SFPUC/BAWSCA Collaboration Efforts (Previously Work Plan Item No. 6)										\top	X	1
Continu	3: Continue to monitor Direct Potable Reuse (DPR) guidance and implement actions as needed. the to monitor Direct Potable Reuse Actively Engage in Direct Potable Reuse		x	CANCELED						T			
	4: Finalize negotiations on term sheet for South County recycled water and agreement on governance County Recycled Water Agreement and Governance	e											
4.1	South Santa Clara County Water Reuse Opportunities (Previously Work Plan Item No. 16)			CANCELED								×	
4.2	South Santa Clara County Water Reuse and Governance (Previously Work Plan Item No. 17)		Х	CAN				Х			floor		
Other	s ·												
0.1	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 (<i>Previously Work Plan Item No. 10</i>)							х		х			
0.2	Evaluate and propose policy options related to centralized and decentralized reuse for Committee's consideration (Previously Work Plan Item No. 9)			CANCELED							T		
0.3	Update on Bottling Purified Water at the SVAWPC (Previously Work Plan Item No. 11)			5			Х					Х	
0.4	Urban Runoff Study with Stanford University (Previously Work Plan Item No. 14)						X					Х	
0.5	Outreach Efforts (Previously Work Plan Item No. 15)		X						Х	X	K		

^{*}Blue strikes - items added on updated work plan

^{*}Red strikes - items deleted from current work plan