



Santa Clara Valley Water District Recycled Water Committee Meeting

Teleconference Zoom Meeting

REGULAR MEETING AGENDA

Wednesday, September 22, 2021
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
Gary Kremen - District 7, Vice Chair
Richard Santos - District 3

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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

Wednesday, September 22, 2021

12:00 PM

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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-08-21 issued on June 11, 2021, 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.

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Join Zoom Meeting:

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

Meeting ID: 995 1815 3521

Join by Phone:

1 (669) 900-9128, 99518153521#

1. CALL TO ORDER:

1.1. Roll Call.

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

Notice to the Public: Members of the public who wish to address the 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. ACTION ITEMS:

3.1. Update on the Purified Water Program, Including Partnership with Cities of San Jose and Palo Alto. [21-0872](#)

Recommendation: Receive information on:

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

Manager: Kirsten Struve, 408-630-3138

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

[21-0922](#)

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](#)

4. 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.

5. ADJOURN:

- 5.1. Adjourn to Regular Meeting at 12:00 p.m., 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-08-21.



Santa Clara Valley Water District

File No.: 21-0872

Agenda Date: 9/22/2021

Item No.: 3.1.

COMMITTEE AGENDA MEMORANDUM

Recycled Water Committee

SUBJECT:

Update on the Purified Water Program, Including Partnership with Cities of San Jose and Palo Alto.

RECOMMENDATION:

Receive information on:

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

SUMMARY:

Staff is continuing to advance the indirect potable reuse project (i.e., approximately 11,000 AFY of groundwater recharge) using a fixed-price Design-Build-Finance-Operate-Maintain delivery method.

The main items of this update include:

- **Partnership Discussions:** Staff continues to develop lease terms and RO Concentrate management terms with City of Palo Alto staff. Discussions have been held between select Valley Water Board and City of San Jose City Council members to evaluate an approach for prioritizing resolution of outstanding issues pertaining to expanding water reuse. Site access issues with the City of Santa Clara alignment have not yet been resolved.
- **Procurement:** Staff has been evaluating the eight submissions received in response to the request for qualifications, including virtual interviews with each team. Staff continues development of the technical requirements for the project and developing items to be complete prior to release of the RFP (e.g., assessment of the geotechnical conditions and preparation of the draft Environmental Impact Report). P3 Legal Counsel is drafting the water services agreement and the draft RFP.
- **Grant Application:** Recycled and Purified Water Unit staff are seeking the adoption of a resolution by the Board of Directors on 10/6/2021 for authorizing the CEO to accept and execute a financial assistance planning grant agreement with the United States Bureau of

Reclamation (USBR) to receive federal funding supporting research studies for a Pilot-Scale Treated Water Augmentation Project (Project). The Project aims at evaluating various blends of purified water and conventional drinking water in a pilot-scale distribution pipeline network, and analyzes many important factors critical to drinking water distribution system operations and water quality. The findings and results will inform future Potable Reuse projects that might be implemented by Valley Water. Staff have been working with Stanford University (Stanford) and University of California Berkeley (UC Berkeley) since January 2021 on the grant package. Upon award, it would defray study costs associated with the pilot system's technical studies. Valley Water has prepared preliminary cost estimates and schedules. Upon the award of the grant, the funding provided would offset \$800,000 of the costs associated with the Study. The estimated total cost of this Study is \$1,700,000. This Project is expected to be implemented over 36 months. Upon securing the full grant, Valley Water financial impacts would be approximately \$900,000 spread over three fiscal years. The Project will be funded by the Recycled and Purified Water Unit budget (Project # 91101004).

- **Outreach:** Staff is continuing our outreach efforts with key stakeholders in San Jose and Palo Alto with support from city staff from each of the agencies. Staff has reached out to several community and faith organizations in both cities to request meetings to engage with respective leaders on the Purified Water Project. Staff recently met with a representative of Spark Church in Palo Alto to discuss water reuse and the Purified Water Project, and there is interest in hosting a presentation to the congregation. The Mountain View Coalition for Sustainable Planning invited Valley Water staff to present on water reuse efforts. The presentation took place Sept. 9 and included an overview of the 2019 agreement and the Purified Water Project. Staff is working on a presentation to the Santa Clara County Medical Association at the end of September to engage public health professionals and garner support for the project. Additionally, outreach staff is working with the media relations team to host a media day at the purification center to highlight purified water as one of the solutions to cyclical drought conditions in our region. The team continues hosting public and private virtual tours to stakeholder groups in the county.

The overall schedule continues to be evaluated with respect to some of the above noted items.

ATTACHMENTS:

None.

UNCLASSIFIED MANAGER:

Kirsten Struve, 408-630-3138



Santa Clara Valley Water District

File No.: 21-0922

Agenda Date: 9/22/2021

Item No.: 3.2.

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

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RWC 2021 WORKPLAN

Task	Agenda Item	Staff/Lead	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	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	January 2021	February 2021	March 2021	April 2021	May 2021	June 2021	July 2021	August 2021	September 2021	October 2021	November 2021	December 2021
Focus 1: Advance the Expedited Purified Water Program by releasing an RFP for at least one locally-sponsored project													
<i>Advance the Expedited Purified Water Program</i>													
1.1	Update on Purified Water Program including Partnership with Cities of San Jose and Palo Alto (Previously Work Plan Item No. 1)	X	X	CANCELED	X	X	X	X	X	X	X	X	X
1.2	Independent Advisory Panel (Previously Work Plan Item No. 12)											X	
1.3	Update on Public Private Partnership [P3] Procurement (Previously Work Plan Item No. 13)	X	X		X	X	X	X	X	X	X	X	X
Focus 2: Implement the CoRe Plan													
2.1	Countywide Water Reuse Master Plan (Previously Work Plan Item No. 2)				X		X						
2.2	Joint Mtg Prep/Debrief: TPAC (Previously Work Plan Item No. 3)				X								
2.3	Joint Mtg Prep/Debrief: Cities of Palo Alto/Mtn View (Previously Work Plan Item No. 4)					X							
2.4	Joint Mtg Prep/Debrief: City of Sunnyvale (Previously Work Plan Item No. 5)												
2.5	Update on SFPUC/BAWSCA Collaboration Efforts (Previously Work Plan Item No. 6)												X
Focus 3: Continue to monitor Direct Potable Reuse (DPR) guidance and implement actions as needed.													
<i>Continue to monitor Direct Potable Reuse</i>													
3.1	Actively Engage in Direct Potable Reuse		X	CANCELED									
Focus 4: Finalize negotiations on term sheet for South County recycled water and agreement on governance													
<i>South County Recycled Water Agreement and Governance</i>													
4.1	South Santa Clara County Water Reuse Opportunities (Previously Work Plan Item No. 16)												X
4.2	South Santa Clara County Water Reuse and Governance (Previously Work Plan Item No. 17)		X				X						
Others													
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 (Previously Work Plan Item No. 10)						X		X				
0.2	Evaluate and propose policy options related to centralized and decentralized reuse for Committee's consideration (Previously Work Plan Item No. 9)												
0.3	Update on Bottling Purified Water at the SVAWPC (Previously Work Plan Item No. 11)					X							X
0.4	Urban Runoff Study with Stanford University (Previously Work Plan Item No. 14)					X							X
0.5	Outreach Efforts (Previously Work Plan Item No. 15)		X					X	X				

*Blue strikes - items added on updated work plan

*Red strikes - items deleted from current work plan

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