



## Santa Clara Valley Water District Recycled Water Committee Meeting

Teleconference Zoom Meeting

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

Meeting ID: 995 1815 3521

### 1:30 PM CLOSED SESSION AND 2:00 PM REGULAR MEETING AGENDA

Friday, January 15, 2021  
1:30 PM

**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

The Recycled Water Committee was enacted to develop long-term proposals with local agencies on recycled water within district boundaries, and to establish a collaborative process for policy discussion and information sharing. It meets individually with other entities (Sunnyvale, Palo Alto, CSJ SC/TPAC) as required/necessary, and can meet with new entities if needed. Public records for this Committee are available for inspection in the Clerk of the Board's Office, 5700 Almaden Expressway, San Jose, CA 95118. Materials are available to the public at the same time they are made available to the committee. The District will make reasonable efforts to accommodate persons with disabilities wishing to attend meetings. Please advise the Clerk of the Board of any special needs by calling (408) 265-2306.

AARON BAKER  
Committee Liaison

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

**Note: The finalized Board Agenda, adoption 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**

**1:30 PM CLOSED SESSION AND 2:00 PM REGULAR MEETING  
AGENDA**

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Friday, January 15, 2021

1:30 PM

Teleconference Zoom Meeting

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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” or “Chat” tools 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**

**One tap mobile**

**+16699009128,99518153521# US (San Jose)**

**1. CALL TO ORDER:**

1.1 Roll Call.

**2. TIME CERTAIN:**

**1:30 PM**

- 2.1. CLOSED SESSION [21-0029](#)  
CONFERENCE WITH REAL PROPERTY NEGOTIATORS - Government  
Code Section 54956.8  
Setting Negotiation Parameters for Price and Terms of Payment for  
Acquiring Property Interest from Multiple Property Owners  
(APNs 008-03-068, 008-03-030 and 008-03-071 ) in Santa Clara County

**2:00 PM**

**Rejoin Zoom Meeting**

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

**Meeting ID: 995 1815 3521**

**One tap mobile**

**+16699009128, 99518153521# US (San Jose)**

- 2.2. District Counsel Report on Closed Session.

**3. 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" or "Chat" 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.*

**4. APPROVAL OF MINUTES:**

4.1. Approval of Minutes. [20-1207](#)

Recommendation: Approve the minutes of the November 20, 2020 meeting.

Manager: Michele King, 408-630-2711

Attachments: [Attachment 1: 112020 Minutes](#)

**5. ACTION ITEMS:**

5.1. Election of 2021 Recycled Water Committee Chairperson and Vice Chairperson. [20-1208](#)

Recommendation: Nominate and elect the 2021 Recycled Water Committee Chairperson and Vice Chairperson.

Manager: Michele King, 408-630-2711

5.2. Update on Implementation of Purified Water Program Using Public-Private Partnership (P3) Approach. [20-1212](#)

Recommendation: A. Receive update on implementation of the Purified Water Program via P3 approach; and  
B. Provide direction to staff regarding next steps.

Manager: Kirsten Struve, 408-630-3138

Attachments: [Attachment 1: PowerPoint](#)

5.3. Potential Joint Recycled Water Advisory Committee meeting with Cities of East Palo Alto, Mountain View, and Palo Alto. [21-0033](#)

Recommendation: Receive information and discuss next steps.

Manager: Kirsten Struve, 408-630-3138

- 5.4. Review and Authorize the Chair to Present the 2020 Recycled Water Committee Accomplishments Report to the Board and Discuss the 2021 Recycled Water Committee Work Plan and Meeting Schedule. [20-1210](#)

Recommendation:      A. Review the 2020 Recycled Water Committee Accomplishments Report;  
                                 B. Authorize the Chair to present 2020 Recycled Water Committee Accomplishments to the Board;  
                                 C. Consider and accept the Proposed 2021 Work Plan; and  
                                 D. Accept the 2021 Recycled Water Committee regular meeting schedule.

Manager:                Michele King, 408-630-2711

Attachments:          [Attachment 1: 2020 Committee Work Plan](#)  
                                 [Attachment 2: 2020 RWC Committee Accomplishments Report](#)  
                                 [Attachment 3: Proposed 2021 Work Plan](#)

**6. INFORMATION ITEMS:**

**7. 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.*

**8. ADJOURN:**

8.1. Adjourn.



# Santa Clara Valley Water District

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**File No.:** 20-1207

**Agenda Date:** 1/15/2021  
**Item No.:** 4.1.

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## COMMITTEE AGENDA MEMORANDUM

### Recycled Water Committee

**SUBJECT:**

Approval of Minutes.

**RECOMMENDATION:**

Approve the minutes of the November 20, 2020 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: 112020 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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**FRIDAY, NOVEMBER 20, 2020  
11:00 AM**

(Paragraph numbers coincide with agenda item numbers)

**1. CALL TO ORDER:**

A rescheduled 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 7 Director G. Kremen, and District 6 Director T. Estremera, Chairperson presiding, constituting a quorum of the Committee.

District 2 Director B. Keegan was excused from attending.

Staff in attendance were E. Sans and M. Overland, Assistant Deputy Clerks II.

Staff participating by teleconference were H. Ashktorab, A. Baker, R. Barajas, H. Barrientos, G. De La Piedra, A. Fulcher, R. Fuller, V. Gin, H. McMahon, D. Mody, C. Narayanan, L. Orta, M. Richert, D. Rocha, M. Silva, K. Struve, C. Sun, D. Taylor, S. Tran, D. Tucker, and T. Yoke.

Also in attendance were Valley Water consultant contractors D. Chen, HDR, Inc.; P. Daniel, Liquisti, LLC; and J. Jamieson, Illuminati Infrastructure Advisors.

District 3 Director R. Santos, District 4 Director L. LeZotte, and District 5 Director N. Hsueh observed without participating in the meeting.

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

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

**3. APPROVAL OF MINUTES:**

3.1 Approval of Minutes.

11/20/20

1

**Attachment 1**



Recommendation: Approve the minutes of the September 23, 2020, meeting.

The Committee considered the attached minutes of the September 23, 2020 meeting.

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

#### 4. ACTION ITEMS:

##### 4.1 Countywide Water Reuse Master Plan (Reuse Master Plan) Update.

Recommendation: Receive information on the status, findings, and next steps for the Countywide Water Reuse Master Plan.

Mr. Dave Tucker, Associate Engineer - Civil, reviewed the information on this item, per the attached Committee Agenda Memo, and corresponding presentation materials contained in Attachment 1.

The Committee noted the information without formal action.

##### 4.2 Update on Purified Water Program including Partnerships with Cities of San Jose/Santa Clara and Palo Alto/Mountain View.

Recommendation: Receive information and discuss next steps.

Mr. Henry Barrientos, Senior Water Resources Specialist, reviewed the information on this item, per the attached Committee Agenda Memo, and provided the Committee with an update on the land lease, and environmental/geotechnical analyses with the Cities of Palo Alto/Mountain View, and Cities of San Jose/Santa Clara sites.

Ms. Karin North, City of Palo Alto Watershed Protection Manager, informed the Committee that the (wastewater) effluent transfer agreements with the smaller partners (\$100K distributed amongst the partners) had received approval from the City of Los Altos; that Los Altos Hills will go to their council in December; and that Palo Alto staff was working with Stanford and East Palo Alto Sanitary District to draft agreements in the first half of 2021.

The Committee noted the information without formal action.

##### 4.3 Update on the Public/Private Partnership Procurement Plan Schedule for Purified Water Projects.

- Recommendation: A. Receive information on major milestones for the Public/Private Partnership (P3) procurement plan schedule for purified water projects; and  
B. Provide direction to staff regarding approach.

Ms. Roslyn Fuller, Deputy Operating Officer, reviewed the information on this item, per the attached Committee Agenda Memo, and corresponding presentation materials contained in Attachment 1.

The Committee noted the information without formal action.

- 4.4 Discuss the 2020 Recycled Water Committee Work Plan, Upcoming Discussion Items, and Next Meeting Dates.

Recommendation: Accept the updated 2020 Recycled Water Committee Work Plan and provide feedback on upcoming discussion items and meeting schedule.

The Committee noted the last meeting scheduled for 2020 occurring on December 23, at 12:00 p.m.; requested a December 23, 2020 update on ongoing negotiations and the P3 process; and confirmed that their 2021 Work Plan would be discussed during their first meeting in January 2021.

**5. ADJOURN:**

- 5.1 Chairperson Estremera adjourned the meeting at 11:40 a.m. to the next regularly scheduled meeting at 12:00 p.m. on December 23, 2020, 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:

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# Santa Clara Valley Water District

File No.: 20-1208

Agenda Date: 1/15/2021  
Item No.: 5.1.

## COMMITTEE AGENDA MEMORANDUM

### Recycled Water Committee

**SUBJECT:**

Election of 2021 Recycled Water Committee Chairperson and Vice Chairperson.

**RECOMMENDATION:**

Nominate and elect the 2021 Recycled Water Committee Chairperson and Vice Chairperson.

**SUMMARY:**

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

It is the role of the Recycled Water Committee to meet with the other entities (Sunnyvale, Palo Alto, CSJ SC/TPAC) in individual meetings as required and/or necessary. The Recycled Water Committee can also meet with new entities if the need arises.

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

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

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

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

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**File No.:** 20-1208

**Agenda Date:** 1/15/2021  
**Item No.:** 5.1.

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**ATTACHMENTS:**

None.

**UNCLASSIFIED MANAGER:**

Michele King, 408-630-2711



# Santa Clara Valley Water District

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**File No.:** 20-1212

**Agenda Date:** 1/15/2021  
**Item No.:** 5.2.

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## COMMITTEE AGENDA MEMORANDUM

### Recycled Water Committee

**SUBJECT:**

Update on Implementation of Purified Water Program Using Public-Private Partnership (P3) Approach.

**RECOMMENDATION:**

- A. Receive update on implementation of the Purified Water Program via P3 approach; and
- B. Provide direction to staff regarding next steps.

**SUMMARY:**

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.

At the November 20, 2020 Recycled Water Committee meeting (Committee), the Committee received information on the critical prerequisites for issuing the Request for Qualifications (RFQ) and Request for Proposals (RFP). Providing a predictable schedule, as well as other baseline considerations, is one major consideration for maximizing private sector engagement. Other critical prerequisites include: a) finalizing detailed agreements with wastewater agency partners to secure options for treated wastewater, land, and reverse osmosis concentrate management; b) progressing California Environmental Quality Act (CEQA) compliance; c) developing supporting technical information; and d) preparing a draft Water Services Agreement.

### P3 Transaction Parameters

Amongst the elements that will be addressed in the draft Water Services Agreement are basic transaction parameters. Informational discussions were held separately with each Committee member and the project team in mid-December 2020 to provide insight as the project team develops the procurement documents. (Discussions from one committee member were not shared with other committee members.) Topics of discussion included selection criteria, labor considerations, local-small business preferences, cost threshold limits and financing arrangements.

### CEQA Update

One of the first major tasks in the environmental process is developing the project description. The

major contours of the project description include:

- 1. Project Title:** Purified Water Project
- 2. Project Purpose:** Improve supply reliability consistent with Water Supply Master Plan 2040 and updated Board decisions through the subsequent Monitoring and Assessment Program.
- 3. Project Size:** Approximately 11,000 acre-feet per year.
- 4. Project Elements:** A new advanced water purification facility, water conveyance pipeline, lateral pipelines, and associated facilities for recharging groundwater with purified water at the groundwater recharge ponds in Campbell along Los Gatos Creek.
- 5. Project Location:** Advanced water purification facility to be located either in Palo Alto (for example at the former Los Altos Treatment Plant site) or in San Jose immediately adjacent to the Silicon Valley Advanced Water Purification Center at Zanker Road.

The project description is part of the Notice of Preparation (NOP) that will be the first formal notification of Valley Water's intent to proceed with the project. In addition to the project description, the NOP will outline the potential environmental effects that will be analyzed as part of the Environmental Impact Report and seek input from the public on other issues to analyze. P3 entities will have the opportunity to propose modifications that, if deemed feasible, would require further environmental review.

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

Consistent with the information provided to the Committee on November 20, 2020, the near-term milestones planned for the first quarter of 2021 are:

- Release of NOP and scoping meeting
- Industry Day
- Release of RFQ (includes both Palo Alto and San Jose as potential sites)

Of these milestones, the schedule for releasing the RFQ will require a critical assessment of the progress being made in advancing the necessary Public Agency agreements. A Board decision on which project alternative to select (i.e., Palo Alto or San Jose) is targeted for the third quarter of 2021.

### **ATTACHMENTS:**

Attachment 1: PowerPoint

### **UNCLASSIFIED MANAGER:**

Kirsten Struve, 408-630-3138



# Valley Water

Clean Water • Healthy Environment • Flood Protection

Recycled Water Committee Meeting  
January 15, 2021

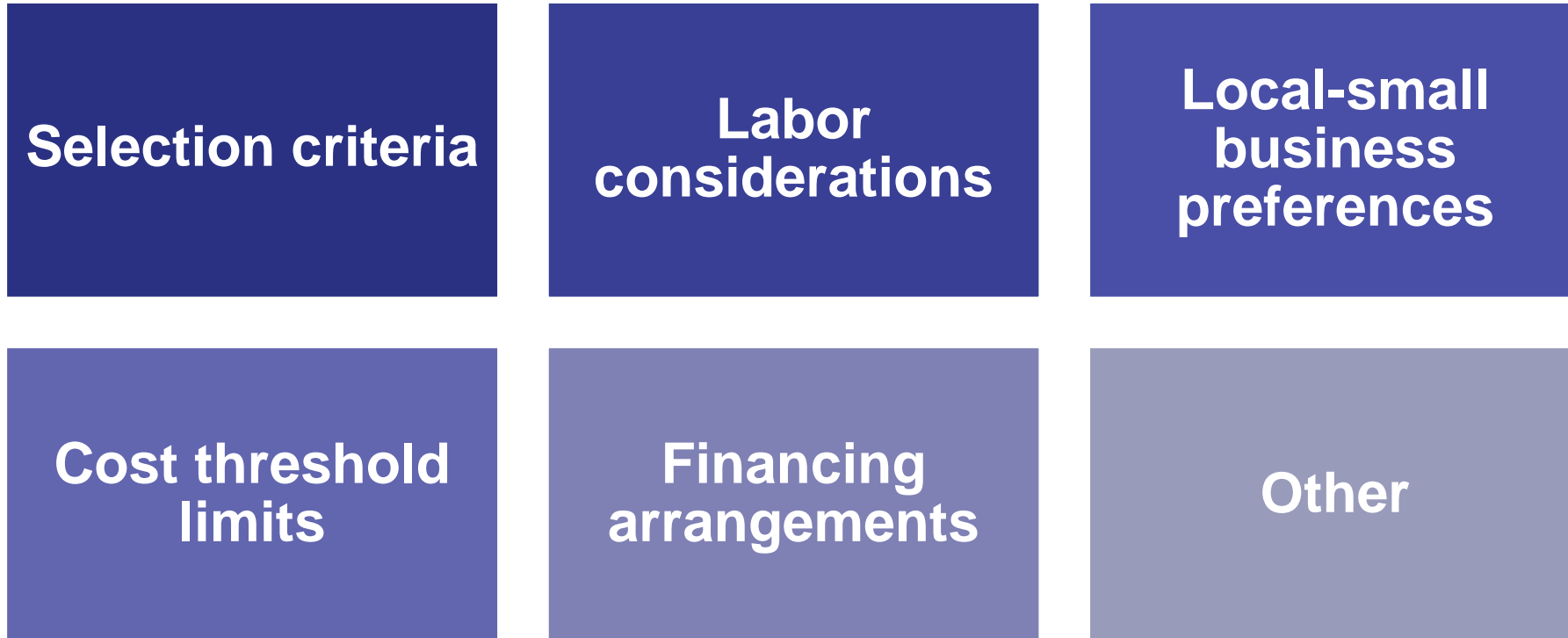


# Recommendations:

- A. Receive update on implementation of the Purified Water Program via Public/Private Partnership (P3) approach; and
- B. Provide direction to staff regarding next steps.

# P3 Transaction Parameters

3



# CEQA Update – The Project Description

4

**Title:** Purified Water Project

**Purpose:** Improve supply reliability consistent with Water Supply Master Plan 2040

**Size:** Approximately 11,000 acre-feet per year

**Elements:** A new advanced water purification facility, water conveyance pipeline, lateral pipelines, and associated facilities for recharging groundwater

**Location:** Advanced water purification facility to be located either in Palo Alto or in San Jose and pipes to groundwater recharge ponds in Campbell along Los Gatos Creek

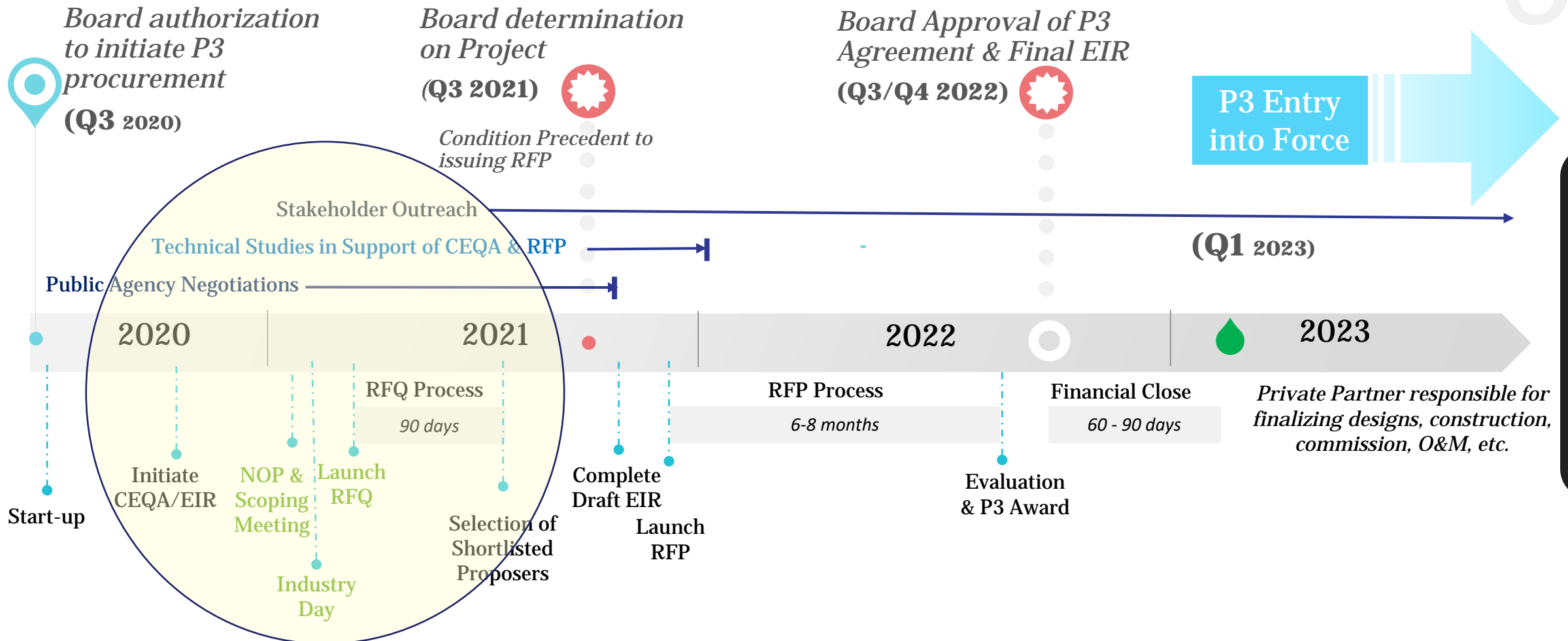
# Major Project Elements

- Treated wastewater source
- Advanced purification treatment center
- RO Concentrate Management
- Conveyance pipeline
- Recharge areas



valleywater.org

# Schedule Milestones



\* Project definition is required before issuing the RFP, including rights pertaining to source water, property usage rights (either site acquisition or a purchase/lease option), near-term reverse osmosis concentrate plan, etc.



# Santa Clara Valley Water District

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**File No.:** 21-0033

**Agenda Date:** 1/15/2021  
**Item No.:** 5.3.

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## COMMITTEE AGENDA MEMORANDUM

### Recycled Water Committee

**SUBJECT:**

Potential Joint Recycled Water Advisory Committee meeting with Cities of East Palo Alto, Mountain View, and Palo Alto.

**RECOMMENDATION:**

Receive information and discuss next steps.

**SUMMARY:**

Staff have been in contact with City of Palo Alto staff to schedule the next Joint Recycled Water Advisory Committee meeting with Cities of East Palo Alto, Mountain View, and Palo Alto for early 2021 and would like to discuss potential meeting objectives and prospective agenda topics with the Board's Recycled Water Committee (Committee).

Initial agenda topics include the latest efforts related to the construction of an advanced water purification facility (AWPF) in Palo Alto to reduce salt loading to their non-potable recycled water system as well as ongoing negotiations between Valley Water and Palo Alto to further expand our partnership related to a regional purification facility.

Staff will coordinate with staff from the various cities prior to the January 15, 2021 Committee meeting and will share other potential agenda items at that time.

**ATTACHMENTS:**

None.

**UNCLASSIFIED MANAGER:**

Kirsten Struve, 408-630-3138

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# Santa Clara Valley Water District

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**File No.:** 20-1210

**Agenda Date:** 1/15/2021  
**Item No.:** 5.4.

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## COMMITTEE AGENDA MEMORANDUM

### Recycled Water Committee

**SUBJECT:**

Review and Authorize the Chair to Present the 2020 Recycled Water Committee Accomplishments Report to the Board and Discuss the 2021 Recycled Water Committee Work Plan and Meeting Schedule.

**RECOMMENDATION:**

- A. Review the 2020 Recycled Water Committee Accomplishments Report;
- B. Authorize the Chair to present 2020 Recycled Water Committee Accomplishments to the Board;
- C. Consider and accept the Proposed 2021 Work Plan; and
- D. Accept the 2021 Recycled Water Committee regular 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.

The 2020 Recycled Water Committee Work Plan (Attachment 1) and Accomplishments Report (Attachment 2) was populated by staff as follows:

- Items referred to the Committee by the Board;
- Items requested by the Committee to be brought back by staff;
- Items scheduled for presentation to the full Board of Directors; and
- Items identified by staff and approved by the Recycled Water Committee Chair.

The proposed 2021 Recycled Water Committee Work Plan (Attachment 3) is attached for Committee discussion.

Proposed Meeting Dates

For 2020, due to a scheduling conflict, a schedule of regular meetings occurring every fourth Wednesday of the month, from 12:00 to 2:00 p.m., has been established. For 2021, staff propose continuing every fourth Wednesday of the month schedule, from 12:00 to 2:00 p.m.

**ATTACHMENTS:**



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**File No.:** 20-1210

**Agenda Date:** 1/15/2021  
**Item No.:** 5.4.

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Attachment 1: 2020 Committee Work Plan  
Attachment 2: 2020 Committee Accomplishment Report  
Attachment 3: Proposed 2021 Committee Work Plan

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

Task	Agenda Item	Staff/Lead	January 2020	February 2020	March 2020	April 2020	May 2020	June 2020	July 2020	August 2020	September 2020	October 2020	November 2020	December 2020
<b>1</b>	Update on Purified Water Program including Partnership with Cities of San Jose and Palo Alto	G. Hall											X	
<b>2</b>	Countywide Water Reuse Master Plan	G. Hall	X						X				X	
<b>3</b>	Joint Mtg Prep/Debrief: TPAC	G. Hall												
<b>4</b>	Joint Mtg Prep/Debrief: Cities of Palo Alto/Mtn View	G. Hall	X											
<b>5</b>	Joint Mtg Prep/Debrief: City of Sunnyvale	G. Hall												
<b>6</b>	Update on SFPUC/BAWSCA Collaboration Efforts	G. Hall												
<b>7</b>	Conceptual Recycled Water Exchange with Contra Costa Water District and Central Contra Costa Sanitary District	G. Hall												
<b>8</b>	Update on Reverse Osmosis Concentrate Management	G. Hall	X						X					
<b>9</b>	IRS Letter	C. Sun												
<b>10</b>	Evaluate and propose policy options related to centralized and decentralized reuse for Committee's consideration	G. Hall												
<b>11</b>	Regional discussions on options to meeting the Board's 10% recycled water goal using either desalination and brackish water	G. Hall												
<b>12</b>	Update on Bottling Purified Water at the SVAWPC	G. Hall												
<b>13</b>	Update on the Independent Advisory Panel Meeting	G. Hall												
<b>14</b>	Update on Public Private Partnership (P3) Procurement	G. Hall							X				X	
<b>15</b>	Urban Runoff Study with Stanford University	H. Ashktorab												
<b>16</b>	Outreach Efforts	S. Tran												
<b>17</b>	South Santa Clara County Water Reuse Opportunities	G. Hall							X					
<b>18</b>	South Santa Clara County Water Reuse Governance	G. Hall							X					

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# DRAFT 2020 Annual Accomplishments Report: Recycled Water Committee

Updated: 12/31/20

*Accomplishment Report Item Numbers Correspond with Work Plan Task Numbers*

ITEM	WORK PLAN ITEM BOARD POLICY STAFF	OBJECTIVE(S) (Action or Information Only)	ACCOMPLISHMENT(S)/OUTCOME(S)
1	Update on Purified Water Program including Partnership with Cities of San Jose and Palo Alto	<u>09/23/20 Objectives</u> Receive information and discuss next steps.	<u>09/23/20 Accomplishments</u> Staff reported the following: <ul style="list-style-type: none"> <li>• Valley Water has met several times with the Cities of San Jose and Santa Clara to negotiate an agreement to secure treated wastewater effluent from the San Jose/Santa Clara Regional Wastewater Facility (RWF), land for a future Advanced Water Purification Facility (AWPF), and a solution to reverse osmosis concentrate (ROC) management.</li> <li>• On September 1, 2020 the City of San Jose Council approved a recommendation to “Direct the City Manager prioritize the pursuit of expanded recycled water use with Valley Water to increase local, drought-resilient supply and reduce reliance on imported water.”</li> <li>• Meetings have been held with Palo Alto staff to discuss next steps in implementing the December 2019 Agreement. This includes securing additional effluent from the smaller partner agencies such as the City of Los Altos. To this end, on August 25, 2020 the Council for the City of Los Altos approved an agreement committing their effluent. .</li> <li>• Valley Water staff/consultants and Palo Alto staff are discussing specific steps to secure the land needed to build an AWPF in Palo Alto, and to address ROC management.</li> </ul>

**DRAFT 2020 Annual Accomplishments Report:  
Recycled Water Committee**  
Updated: 12/31/20

*Accomplishment Report Item Numbers Correspond with Work Plan Task Numbers*

ITEM	WORK PLAN ITEM BOARD POLICY STAFF	OBJECTIVE(S) (Action or Information Only)	ACCOMPLISHMENT(S)/OUTCOME(S)
		<p><b><u>11/20/2020 Objectives</u></b></p> <ul style="list-style-type: none"> <li>• Receive an update on negotiations towards a long-term agreement between Valley Water and the cities of San Jose and Santa Clara to advance potable water reuse.</li> <li>• Receive updates related to the construction of an AWPf in Palo Alto.</li> </ul>	<p><b><u>11/20/2020 Accomplishments</u></b></p> <p>Staff reported the following:</p> <ul style="list-style-type: none"> <li>• Valley Water continues to meet with staff from the Cities of San Jose and Santa Clara to discuss key items related to the development of a long-term agreement. On October 13, 2020, the City of Santa Clara City Council approved staff's participation in these negotiations.</li> <li>• Valley Water and Palo Alto staff are meeting to discuss available land, such as the former Los Altos Treatment Plant site located in Palo Alto for an AWPf.</li> <li>• Staff obtained access to the San Jose site to conduct preliminary environmental and geotechnical analyses and is working with Palo Alto on access for such analyses. This work will feed into the EIR as well as RFP for the Expedited Purified P3 project.</li> </ul>
2	Countywide Water Reuse Master Plan	<p><b><u>01/21/20 Objectives</u></b></p> <ul style="list-style-type: none"> <li>• Receive information on the status and next steps; and</li> <li>• Receive information on staff's responses to comments from the 11/14/18 RWC meeting.</li> </ul> <p><b><u>08/06/20 Objectives</u></b></p> <ul style="list-style-type: none"> <li>• Receive information and next steps;</li> <li>• Recommend that the Board authorizes the CEO to negotiate and execute an amendment consistent with Option II to the Agreement with Brown &amp; Caldwell for the CWRMP Project (Agmt No. A4120A).</li> </ul>	<p><b><u>01/21/20 Accomplishments</u></b></p> <p>Received updated <i>conceptual</i> water reuse portfolios (1% Design) dated July 26, 2019 for input on Groundwater Augmentation, Surface Water Augmentation, Raw Water Augmentation, Treated Water Augmentation, including enhanced non-potable reuse via inter-ties.</p> <p><b><u>08/06/20 Accomplishments</u></b></p> <p>Received first draft version of the Countywide Water Reuse Master Plan (dated July 1, 2020) and recommended the Board authorize the CEO to negotiate and execute an amendment with the consultant consistent with staff recommendations.</p>

**DRAFT 2020 Annual Accomplishments Report:  
Recycled Water Committee**  
Updated: 12/31/20

*Accomplishment Report Item Numbers Correspond with Work Plan Task Numbers*

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		<p><b>11/20/2020</b> Receive information on the status, findings, and next steps for the CWRMP (or CoRe Plan)</p>	<p><b>11/20/20 Accomplishments</b> Received second iteration of the Countywide Water Reuse Master Plan (CoRe Plan) dated October 14, 2020, including status, results, findings, and next steps.</p> <p>Received technical reports including: Project Definition Technical Memorandum (TM), Baseline Analysis TM, Conceptual Alternatives TM, Conceptual Alternatives Design, Feasible Project Portfolios TM, Draft Final Countywide Water Reuse Master Plan, Non-Potable Onsite Reuse Survey, Public Outreach and Engagement Survey, California Water Reuse Governance Survey, RO Concentrate Integration and South Bay Water Recycling Master Plan Updates.</p>
3	Joint Mtg Prep/Debrief: Cities of San Jose, Santa Clara, TPAC	No CY 2020 discussion to date.	
4	Joint Mtg Prep/Debrief: Cities of Palo Alto/Mtn View	No CY 2020 discussion to date.	
5	Joint Mtg Prep/Debrief: City of Sunnyvale	No CY 2020 discussion to date.	
6	Update on SFPUC/BAWSCA Collaboration Efforts	No CY 2020 discussion to date.	
7	Conceptual Recycled Water Exchange with Contra Costa Water District and Central Contra Costa Sanitary District	No CY 2020 discussion to date.	
8	Update on Reverse Osmosis Concentrate Management	<p><b>01/21/20 Objective</b> Receive information and discuss next steps.</p>	<p><b>01/21/20 Accomplishments</b> Received information on completion of (1) Evaluation of ROC Management Options Technical Memorandum (dated October 2019); (2) Stakeholder Workshop No. 3 (November 21, 2019); and (3) meeting with the Regional Water Quality Control Board (November 18, 2019). Staff presented key ROCM options being evaluated, including blending at various locations (existing, enhanced, and deep outfalls) and evaporation ponds (South County).</p>

# DRAFT 2020 Annual Accomplishments Report: Recycled Water Committee

Updated: 12/31/20

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ITEM	WORK PLAN ITEM BOARD POLICY STAFF	OBJECTIVE(S) (Action or Information Only)	ACCOMPLISHMENT(S)/OUTCOME(S)
		<b>08/06/20 Objectives</b> Receive information on the ROCM plan.	<b>08/06/20 Accomplishments</b> Received information on completion of (1) workshop with countywide stakeholders, research partners and state regulators; (2) refinements to ROCM options; (3) additional studies recommended by state regulators; (4) updated costs for the different ROCM options; and (6) a draft Technical Memorandum No. 6: Evaluation of ROCM Options Final Report (under review as of 12/31/2020).
9	IRS Letter (Update on Private Activity Analysis)	No CY 2020 discussion to date.	
10	Policy Options Related to Centralized and Decentralized Reuse for the Committee's Consideration	No CY 2020 discussion to date.	
11	Regional Discussions on Options to Meet the Board's 10% Recycled Water Goal Using Either Desalination or Brackish Water	No CY 2020 discussion to date.	
12	Update on Bottling Purified Water at the SVAWPC	No CY 2020 discussion to date.	
13	Update on the Independent Advisory Panel Meeting	<b>09/23/20 Objectives</b> Receive information on the 6 <sup>th</sup> meeting of the Independent Advisory Panel (IAP) for evaluation of Santa Clara Valley Water District's Potable Reuse program and efforts	<b>09/23/20 Accomplishments</b> Received information on the 6th annual meeting of the Independent Advisory Panel (IAP) for evaluation of Santa Clara Valley Water District's Potable Reuse program and efforts.
14	Update on Public Private Partnership (P3) Procurement	<b>09/23/20 Objectives</b> Received information on the key factors influencing the P3 procurement process and schedule	<b>09/23/20 Accomplishments</b> Staff provided updated information on the process leading to a Request for Qualifications and a Request for Proposals for a public-private partnership to develop and operate a purified water project. Staff discussed key considerations influencing the public-private partnership procurement plan schedule.

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		<p><b>11/20/20 Objective</b> Receive updates on major milestones for the Public/Private Partnership (P3) procurement plan schedule for purified water projects.</p>	<p><b>11/20/20 Accomplishment</b> Staff provided an update that included critical tasks necessary to be completed before issuing the Request for Proposal (RFP):</p> <ul style="list-style-type: none"> <li>• Finalizing detailed terms and conditions with our partner agencies</li> <li>• Development of a Draft Environmental Impact Report (EIR) for California Environmental Quality Act (CEQA) compliance Developing supporting technical information (e.g., CEQA inputs, subsurface conditions, etc.)</li> <li>• Preparing draft Water Services Agreement (i.e., establishing terms by which the P3 Entity will design, build, finance, operate, and maintain the Project and basis for Valley Water payment for services plus defining conditions for relief events, early termination, and conditions for return of facilities).</li> </ul> <p>Based on the realistic timelines associated with each of these critical tasks, staff recommended an updated schedule that extended the anticipated release of the RFQ and RFP by several months</p>
15	Urban Runoff Study with Stanford University	No CY 2020 discussion to date.	
16	Outreach Efforts	<p><b>09/23/20 Objectives</b> Presentation of Public Perception Survey Poll Results on Advanced Purified Water and Public Outreach Update.</p>	<p><b>09/23/20 Accomplishment</b> Staff reviewed a countywide survey executed by EMC Research in Spring 2020 to collect data on public perception toward water reuse. Key findings included: (1) initial reactions to “using advanced purified recycled water for drinking” are positive, (2) majorities support using advanced purified water to bolster local water supply, (3) messages relaying environmental benefits and safety of advanced purified water remain most compelling communication themes, (4) general awareness of water reuse remains relatively low. The Committee noted that the 2020 survey collected information from Santa Clara County registered voters and requested that future polls should also survey Valley Water customers that are not necessarily registered voters. The Committee noted the information without formal action.</p>



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17	South Santa Clara County Water Reuse Opportunities	<u>08/06/20 Objectives</u> Receive information and discuss next steps.	<u>08/06/20 Accomplishments</u> Staff reviewed collaborative activities with our South County partners (Gilroy, Morgan Hill, SCRWA) since formal agreements were adopted in 1999 to facilitate non-potable recycled water use. The discussion highlighted capital master planning processes in 2004 and subsequent revisions in 2015 to expand water reuse infrastructure, which included engineering design and cost assessment. These 2015 recycled water opportunities were compared to water reuse options developed through the Countywide Water Reuse Master Plan. The Committee noted the information without formal action.
18	South Santa Clara County Water Reuse Governance	<u>08/06/20 Objectives</u> Receive information and discuss next steps.	<u>08/06/20 Accomplishments</u> The Chief Executive Officer (CEO) discussed meetings with Morgan Hill and Gilroy City Managers regarding a possible governance for recycled water collaboration in response to the Board's expression of interest to establish collaborative governance with the cities of South County. The CEO proposed that a letter be sent to both cities that would indicate next steps to accomplish this objective. The Committee requested the Board draft a letter to both Gilroy and Morgan Hill proposing a discussion on South County recycled water governance, formation of a Committee among the cities and Valley Water and developing an integration agreement among members. A letter was subsequently drafted and transmitted in September 2020.

## 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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