

September 21, 2023

MEETING NOTICE
SANTA CLARA VALLEY WATER DISTRICT
RECYCLED WATER COMMITTEE

Members of the Recycled Water Committee:

District 6 Director, Tony Estremera, Committee Chair
District 3 Director, Richard Santos, Committee Vice Chair
District 4 Director, Jim Beall, Member

Staff Support of the Recycled Water Committee:

Rick Callender, Chief Executive Officer
Melanie Richardson, Assistant Chief Executive Officer
Darin Taylor, Chief Financial Officer
Aaron Baker, Chief Operating Officer, Water Utility
Christopher Hakes, Chief Operating Officer, Watersheds
Tina Yoke, Chief Operating officer
Rachael Gibson, Chief of External Affairs
Carlos Orellana, District Counsel
Brian Hopper, Sr. Assistant District Counsel
Vincent Gin, Deputy Operating Officer
Emmanuel Aryee, Deputy Operating Officer
Bhavani Yerrapotu, Deputy Operating Officer
Marta Lugo, Deputy Administrative Officer
Tony Ndah, Deputy Administrative Officer
Sam Bogale, Deputy Operating Officer
Donald Rocha, Assistant Officer
Kirsten Struve, Assistant Officer
Lisa Bankosh, Assistant Officer
Charlene Sun, Treasury and Debt Manager
Hossein Ashktorab, Unit Manager, Recycled & Purified Water
Carmen Narayanan, Financial Planning & Revenue Manager
Metra Richert, Unit Manager, Water Supply Planning and Conservation Manager
Lei Hong, Utility Ops & Maintenance Manager
Sherilyn Tran, Civic Engagement Manager
Medi Sinaki, Sr. Engineer-Recycled & Purified Water
Girle Jacobson, Sr. Engineer-Treatment Plant Design
Henry Barrientos, Associate Civil Engineer
David Tucker, Associate Engineer – Civil
Zachary Helsley, Associate Civil Engineer
Elise Latedjou-Durand, Senior Environmental Planner
Ricardo Barajas, Program Administrator
Samantha Greene, Senior Water Resource Specialist
Lakeisha Bryant, Public Info Rep II
Alina Hare, Staff Analyst

A Santa Clara Valley Water District regular Recycled Water Committee meeting has been scheduled to occur at 12:00 p.m. on Wednesday, September 27, 2023, in the Headquarters Building Boardroom located at the Santa Clara Valley Water District, 5700 Almaden Expressway, San Jose, California.

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

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

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

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





Santa Clara Valley Water District Recycled Water Committee Meeting

Headquarters Building Boardroom
5700 Almaden Expressway, San Jose, CA 95118

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

REGULAR MEETING AGENDA

**Wednesday, September 27, 2023
12:00 PM**

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

RECYCLED WATER COMMITTEE

Tony Estremera - District 6, Chair
Richard Santos - District 3, Vice Chair
Jim Beall - District 4, 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. 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

NICOLE MERRITT
Assistant Deputy Clerk II
Office/Clerk of the Board
(408) 630-3262
nmerritt@valleywater.org

Note: The finalized Board Agenda, exception items and supplemental items will be posted prior to the meeting in accordance with the Brown Act.

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

Wednesday, September 27, 2023

12:00 PM

Headquarters Building Boardroom, 5700
Almaden Expressway, San Jose, CA 95118

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

*****IMPORTANT NOTICES AND PARTICIPATION INSTRUCTIONS*****

Santa Clara Valley Water District (Valley Water) Board of Directors/Board Committee meetings are held as a “hybrid” meetings, conducted in-person as well as by telecommunication, and is compliant with the provisions of the Ralph M. Brown Act.

To maximize public safety while still maintaining transparency and public access, members of the public have an option to participate by teleconference/video conference or attend in-person. To observe and participate in the meeting by teleconference/video conference, please see the meeting link located at the top of the agenda. If attending in-person, you are required to comply with Ordinance 22-03 - AN ORDINANCE OF THE SANTA CLARA VALLEY WATER DISTRICT SPECIFYING RULES OF DECORUM FOR PARTICIPATION IN BOARD AND COMMITTEE MEETINGS located at <https://s3.us-west-2.amazonaws.com/valleywater.org.if-us-west-2/f2-live/s3fs-public/Ord.pdf>

In accordance with the requirements of Gov. Code Section 54954.3(a), members of the public wishing to address the Board/Committee during public comment or on any item listed on the agenda, may do so by filling out a Speaker Card and submitting it to the Clerk or using the “Raise Hand” tool located in the Zoom meeting application to identify yourself in order to speak, at the time the item is called. Speakers will be acknowledged by the Board/Committee Chair in the order requests are received and granted speaking access to address the Board.

- Members of the Public may test their connection to Zoom Meetings at: <https://zoom.us/test>
- Members of the Public are encouraged to review our overview on joining Valley Water Board Meetings at: <https://www.youtube.com/watch?v=TojJpYCxXm0>

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

This agenda has been prepared as required by the applicable laws of the State of California, including but not limited to, Government Code Sections 54950 et. seq. and has not been prepared with a view to informing an investment decision in any of Valley Water's bonds, notes or other obligations. Any projections, plans or other forward-looking statements included in the information in this agenda are subject to a variety of uncertainties that could cause any actual plans or results to differ materially from any such statement. The information herein is not intended to be used by investors or potential investors in considering the purchase or sale of Valley Water's bonds, notes or other obligations and investors and potential investors should rely only on information filed by Valley Water on the Municipal Securities Rulemaking Board's Electronic Municipal Market Access System for municipal securities disclosures and Valley Water's Investor Relations website, maintained on the World Wide Web at <https://emma.msrb.org/> and <https://www.valleywater.org/how-we-operate/financebudget/investor-relations>, respectively.

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

Join Zoom Meeting:

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

Meeting ID: 995 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 Board/Committee on any item not listed on the agenda may do so by filling out a Speaker Card and submitting it to the Clerk or using the "Raise Hand" tool located in the Zoom meeting application to identify yourself to speak. Speakers will be acknowledged by the Board/Committee Chair in the order requests are received and granted speaking access to address the Board/Committee. Speakers' comments should be limited to three minutes or as set by the Chair. The law does not permit Board/Committee action on, or extended discussion of, any item not on the agenda except under special circumstances. If Board/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 Board/Committee may take action on any item of business appearing on the posted agenda.

3. APPROVAL OF MINUTES:

- 3.1. Approval of August 18, 2023 Recycled Water Committee Minutes. [23-0961](#)
Recommendation: Approve the minutes.
Manager: Candice Kwok-Smith, 408-630-3193
Attachments: [Attachment 1: 081823 RWC Meeting Minutes](#)
Est. Staff Time: 5 Minutes

4. REGULAR AGENDA:

- 4.1. Receive Purified Water Program Update including Partnership with Cities of San Jose and Palo Alto and Provide Feedback. [23-0930](#)
Recommendation: Receive an update and provide feedback on the following topics:
A. Collaboration effort with partners
 - Cities of Palo Alto and Mountain View
 - Cities of San José and Santa ClaraB. Public Private Partnership
C. Outreach
Manager: Kirsten Struve, 408-630-3138
Attachments: [Attachment 1: PowerPoint](#)
Est. Staff Time: 10 Minutes
- 4.2. Receive Direct Potable Reuse (DPR) Update and Provide Feedback. [23-0931](#)
Recommendation: Receive update and provide feedback on DPR regulatory developments.
Manager: Kirsten Struve, 408-630-3138
Attachments: [Attachment 1: PowerPoint](#)
Est. Staff Time: 5 Minutes
- 4.3. Receive and Discuss the 2023 Recycled Water Committee Work Plan, Upcoming Discussion Items, and Upcoming Meeting Date. [23-0962](#)
Recommendation: Receive information on the 2023 Recycled Water Committee Work Plan, and provide feedback on upcoming discussion items and next meeting date.
Manager: Kirsten Struve, 408-630-3138
Attachments: [Attachment 1: 2023 Revised Work Plan](#)
Est. Staff Time: 5 Minutes

5. 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.

6. ADJOURN:

6.1. Adjourn to Special Meeting at 10:00 a.m., on October 25, 2023.



Santa Clara Valley Water District

File No.: 23-0961

Agenda Date: 9/27/2023

Item No.: 3.1.

COMMITTEE AGENDA MEMORANDUM Recycled Water Committee

Government Code § 84308 Applies: Yes ☐ No ☒
(If "YES" Complete Attachment A - Gov. Code § 84308)

SUBJECT:

Approval of August 18, 2023 Recycled Water Committee Minutes.

RECOMMENDATION:

Approve the minutes.

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

ENVIRONMENTAL JUSTICE IMPACT:

There are no Environmental Justice impacts associated with this item.

ATTACHMENTS:

Attachment 1: 081823 RWC Meeting Minutes

UNCLASSIFIED MANAGER:

Candice Kwok-Smith, 408-630-3193

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RECYCLED WATER COMMITTEE MEETING

DRAFT MINUTES

**SPECIAL MEETING
FRIDAY, AUGUST 18, 2023
2:00 PM**

(Paragraph numbers coincide with agenda item numbers)

1. CALL TO ORDER:

A special meeting of the Santa Clara Valley Water District (Valley Water) Recycled Water Committee (Committee) was called to order in the Valley Water Headquarters Building Boardroom at 5700 Almaden Expressway, San Jose, California, and by Zoom teleconference, at 2:00 p.m.

1.1. Roll Call.

Committee members in attendance were District 4 Director Jim Beall, District 3 Vice Chairperson Richard P. Santos, and District 6 Director Tony Estremera, Chairperson presiding, constituting a quorum of the Committee.

Staff members in attendance were: Brandon Adriano, Karen Adriano, Antonio Alfaro, Hossein Ashktorab, Aaron Baker, Nastaran Basiri, Roseryn Bhudsabourg, Bart Broome, Lakeisha Bryant, Theresa Chinte, Rachael Gibson, Vincent Gin, Walter Gonzales, Andy Gschwind, Lei Hong, Brian Hopper, Candice Kwok-Smith, Elise Latedjou-Durand, Dave Leon, Jess Lovering, Nicole Merritt, Tony Ndah, Carlos Orellana, Max Overland, Don Rocha, Medi Sinaki, Clarissa Sangalang, Diahann Soleno, Charlene Sun, Kirsten Struve, Darin Taylor, Sherilyn Tran, David Tucker, Zuberi White, Kalah Williams, Bhavani Yerrapotu, Genevieve Yip, Tina Yoke, and Beckie Zisser.

Public in attendance were: Molly Culton and Katja Irvin (Sierra Club), Phillippe Daniel (Liquisti LLC), Jan Davel (CDM Smith), Patrick Ferraro (San Jose State University), Doug Muirhead, and Jeff Provenzano (Water Resources Division, City of San Jose).

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 who wished to speak.

3. APPROVAL OF MINUTES:

3.1. Approval of June 28, 2023 Recycled Water Committee Meeting Minutes.

Recommendation: Approve the minutes.

The Committee considered the attached minutes of the June 28, 2023 Committee meeting.

Public Comments:
None.

It was moved by Vice Chair Santos and seconded by Director Beall, and unanimously carried that the minutes be approved.

4. REGULAR AGENDA:

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

Recommendation: Receive an update and provide feedback on the following topics:

- A. Collaboration with Wastewater Partners
- B. Public Private Partnership
- C. Outreach

Kirsten Struve reviewed the information on this item, per the attached Committee Agenda Memo, and Nastaran Basiri reviewed the information contained in Attachment 2.

Kirsten Struve, Nastaran Basiri, Marta Lugo, and Don Rocha were available to answer questions.

Public Comments:
None.

The Committee noted the information, encouraged staff to continue developing strategies to incorporate future larger scale joint projects, showed interest in touring other water projects in Southern California, and took no formal action.

4.2. Receive the 7th Independent Advisory Panel Meeting Update for Evaluation of Valley Water's Purified Water Program.

Recommendation: Receive information on the 7th meeting of the Independent Advisory Panel for evaluation of Valley Water's Purified Water Program.

Medi Sinaki reviewed the information on this item, per the attached Committee Agenda Memo, and per the information contained in Attachment 1.

Medi Sinaki was available to answer questions.

Public Comments:
None.

The Committee received the information, noted the positive update, and took no further action; and Director Beall requested a briefing on past reports.

4.3. Receive South Santa Clara County Water Reuse Collaboration Update and Provide Feedback.

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

David Tucker reviewed the information on this item, per the attached Committee Agenda Memo.

David Tucker was available to answer questions.

Public Comments:
Doug Muirhead noted that the Local Agency Formation Commission (LAFCO) may be an obstacle to reducing septic tanks and expressed frustration with the frequency of the Joint Water Resources Committee (JWRC) meetings with the cities of Gilroy and Morgan Hill and the amount of information provided to the public.

The Committee received and noted the information and confirmed further discussion at a future JWRC meeting with the cities of Gilroy and Morgan Hill; and Director Beall requested being briefed on exploring policy options of reducing septic tanks with possible financial incentives.

4.4. Receive State and Federal Grant Opportunities Update for Recycled Water Projects.

Recommendation: Receive State and Federal Grant Opportunities Update for Recycled Water Projects.

Marta Lugo and Antonio Alfaro reviewed the information on this item, per the attached Committee Agenda Memo.

Marta Lugo, Antonio Alfaro, Beckie Zisser, and David Tucker were available to answer questions.

Public Comments:
None.

The Committee received and noted the information and directed staff to compile a ready list of projects to include timelines aligning potential agreements with

funding to enhance negotiations with local cities and increase state and federal funding opportunities and confirmed further discussion at a future Joint Recycled Water Policy Advisory Committee.

- 4.5. Receive and Discuss the 2023 Recycled Water Committee Work Plan, Upcoming Discussion Items, and Next Meeting Dates – Possible Combined Meeting Date for November and December 2023.

Recommendation: Receive information on the 2023 Recycled Water Committee Work Plan and provide feedback on upcoming discussions items and next meeting dates – possible combined meeting date for November and December 2023.

The Committee considered this Item without a staff presentation.

Public Comments:
None.

The Committee directed staff to confirm the next meeting date for the next Joint Recycled Water Policy Committee with Cities of Palo Alto, East Palo Alto, and Mountain View.

The Committee approved a combined meeting date for November and December 2023 to be confirmed through the Board scheduler.

5. 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.

None.

6. Adjourn:

- 6.1. Adjourn to Regular Meeting at 12:00 p.m. on September 27, 2023.

Chairperson Estremera adjourned the meeting at 3:43 p.m., to the regular meeting at 12:00 p.m. on September 27, 2023.

Nicole Merritt
Assistant Deputy Clerk II

Date Approved:



Santa Clara Valley Water District

File No.: 23-0930

Agenda Date: 9/27/2023

Item No.: 4.1.

COMMITTEE AGENDA MEMORANDUM Recycled Water Committee

Government Code § 84308 Applies: Yes ☐ No ☒
(If "YES" Complete Attachment A - Gov. Code § 84308)

SUBJECT:

Receive Purified Water Program Update including Partnership with Cities of San Jose and Palo Alto and Provide Feedback.

RECOMMENDATION:

Receive an update and provide feedback on the following topics:

- A. Collaboration effort with partners
 - Cities of Palo Alto and Mountain View
 - Cities of San José and Santa Clara
- B. Public Private Partnership
- C. Outreach

SUMMARY:

A. Collaboration with Wastewater Partners

Santa Clara Valley Water District (Valley Water) continues to meet with the City of Palo Alto (Palo Alto) staff to finalize agreements for the proposed future purification facility in Palo Alto, including a lease agreement for the former Los Altos Treatment Plant site as well as the site for the Source Water Pump Station, and an Operations and Maintenance Agreement. Valley Water also meets every two weeks with Palo Alto's Planning Department.

Collaboration with cities and entities along the pipeline route is continuing, including development of conditional clearance, acknowledgement letters, and encroachment agreements. Staff is also coordinating with the HomeKey project in Palo Alto.

Given declining wastewater flows due to water conservation in Palo Alto's service area, staff is preparing an analysis of the optimal size of the facility and is updating cost information. The optimal facility size is currently estimated at taking an annual average of 9 million gallons per day (MGD) of

source water with an annual average output of up to 7.5 MGD and peak production of up to 8.3 MGD.

Valley Water also met with the San Francisco Bay Regional Water Quality Control Board and Division of Drinking Water to obtain feedback on Valley Water's Tracer Study and proposed well control zones and groundwater monitoring well siting. Staff will provide an update on this effort. (see Attachment 1).

Discussions with the Cities of San José and Santa Clara regarding a future project in San José are ongoing. Valley Water is continuing to develop the Direct Potable Reuse Demonstration facility proposal which will be the first phase of a larger proposed project, which was presented to the Joint Recycled Water Policy Committee (JRWPC) on September 6, 2023. Based on the discussion at the JRWPC, staff from the cities and Valley Water will meet to discuss opportunities to accelerate the schedule and discuss expansion for potable reuse at the Silicon Valley Advanced Water Purification Center.

B. Public Private Partnership

Valley Water recently updated the P3 teams on the schedule and will provide updates to the data room as needed data becomes available.

C. Outreach Efforts for Purified Water Program

Valley Water continues to host public and private tours at the Purification Center. In August, staff worked with the Office of Government Relations on two private tours for elected officials, which included Assemblymember Gail Pellerin, D-28, and San José Councilmember Bien Doan's staff members. Staff led a tour for the Silicon Valley Youth Climate Action, a youth-led organization combating climate change through advocacy and project-based learning. Staff hosted the Santa Clara Valley Water Commission Special Meeting on August 23 and facilitated a tour of the facility. Attendees of the Water Commission Meeting included Hon. Susan Landry, Hon. J.R. Fruen, Hon. Lisa Schmidt, Hon. Maria Ristow, Hon. Carmen Montano, Hon. Bryan Mekechuk, Hon. Gino Borgioli, Hon. Lydia Kou, Hon. Domingo Candelas, Hon. Karen Hardy, Hon. Chuck Page and Hon. Jed Cyr. Staff also assisted with an infrastructure bus tour for water agencies in Yuba and Butte Counties who provide a portion of Valley Water's imported water supply.

Valley Water is also working on bottling advanced purified demonstration water from the Purification Center. Valley Water received comments from the Division of Drinking Water (DDW) on August 15 on our Operations Plan to bottle demonstration water for outreach. Valley Water is working on responding to the comments to send back to DDW. The Recycled and Purified Water Unit developed a tentative timeline to produce 1,000 gallons of Purified Water by the end of the year.

ENVIRONMENTAL JUSTICE IMPACT:

There are no Environmental Justice impacts associated with this item.

ATTACHMENTS:

File No.: 23-0930

Agenda Date: 9/27/2023
Item No.: 4.1.

Attachment 1: PowerPoint

UNCLASSIFIED MANAGER:
Kirsten Struve, 408-630-3138

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Purified Water Project: Groundwater Studies

Presented by: **Jason Gurdak, PhD, Senior Water Resources Specialist**
Recycled Water Committee – September 27, 2023

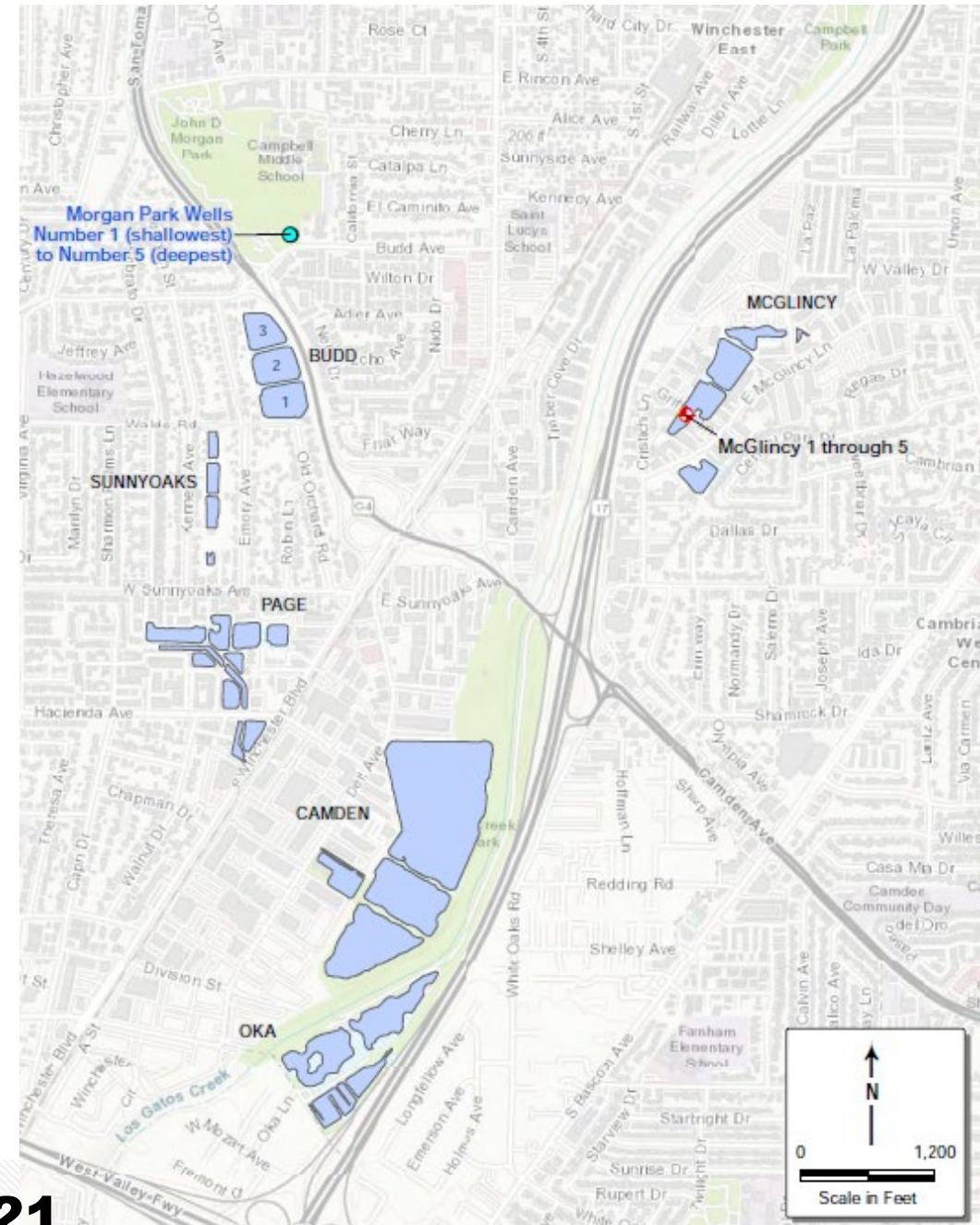
Preliminary Tracer Study

- State regulations require tracer study within three months of project operation
- Valley Water conducted tracer study to help
 - verify modeled groundwater travel time
 - inform zones of controlled drinking water well construction (well control zones)



Tracer Study

- Workplan and use of fluorescein dye approved by SF Bay Regional Board
- Dye added to Budd Pond 3 Dec. 5, 2022 and visible for several days
- Groundwater sampling at Morgan Park Wells (modeled travel time ~2 months)



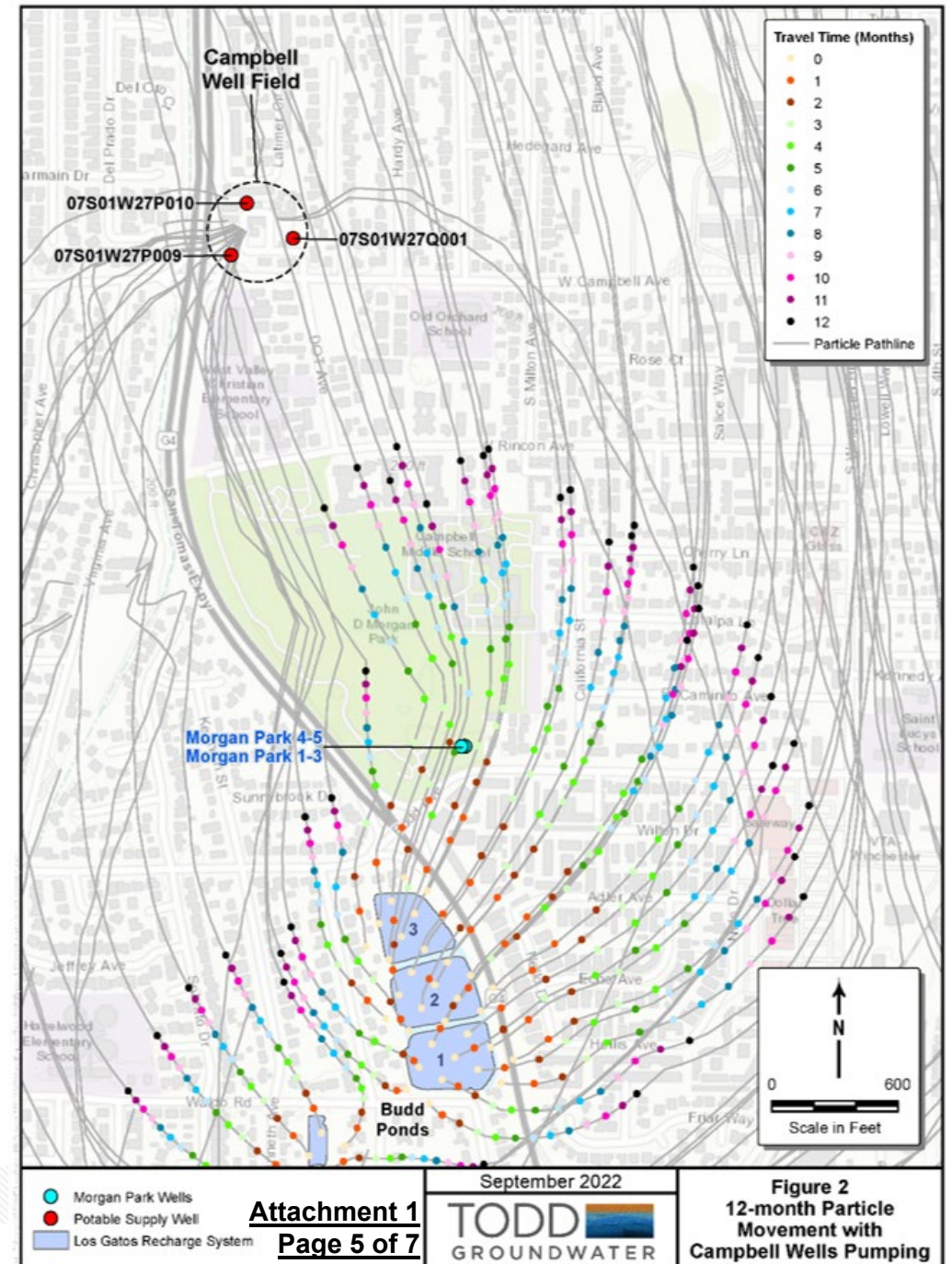
Sampling

- Baseline sampling prior to addition of tracer
- Pond sampling for 3 days
- Groundwater sampling 1-2 times per week for four months
- Last sample April 3, 2023



Results Confirm Modeling

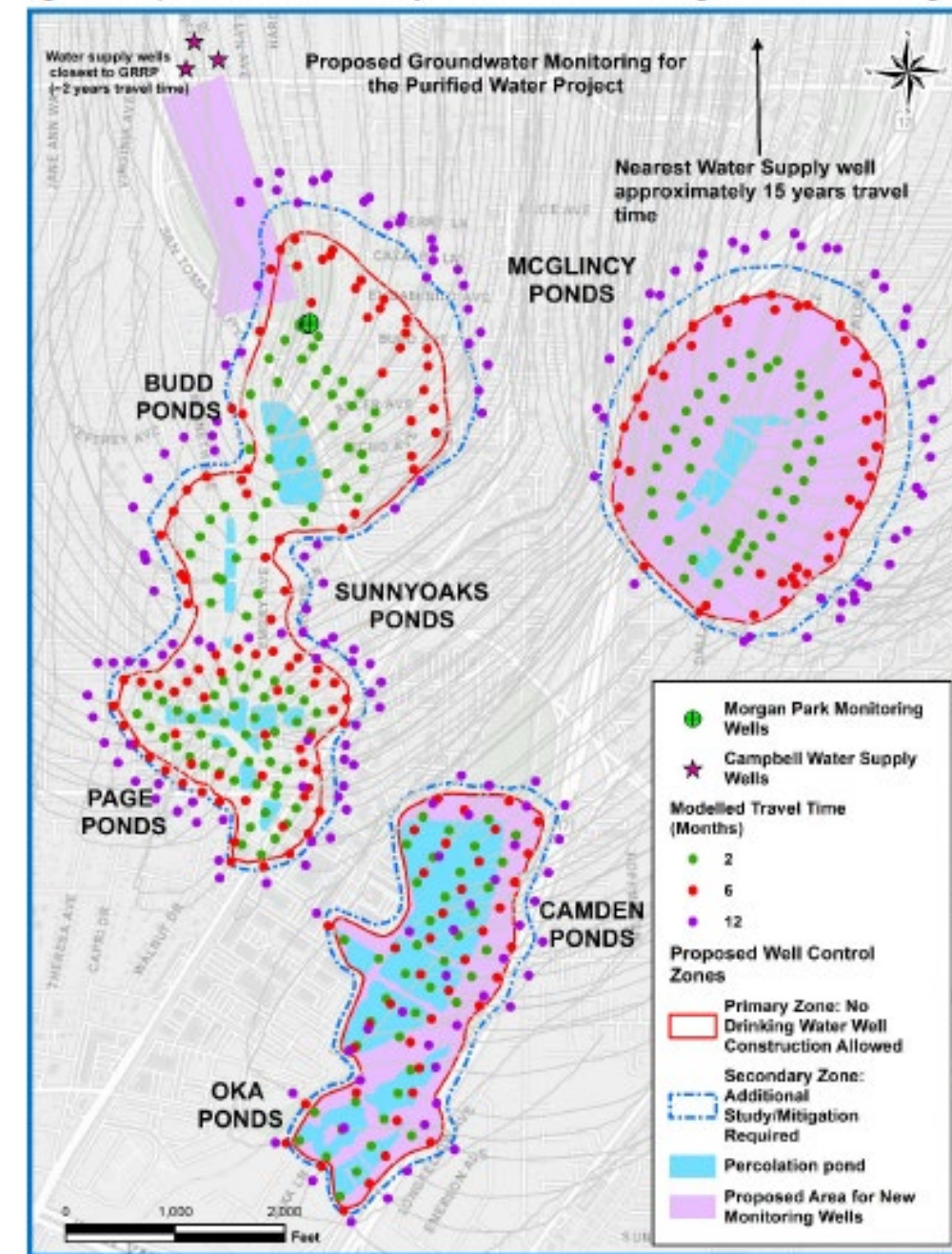
- Tracer location and timing very closely match underground travel time simulated by model (2 months)
 - Model recalibration is not needed to simulate well control zones
 - Morgan Park wells meet regulatory requirement for monitoring well location



Well Control Zones and Groundwater Monitoring

- State regulations for IPR projects require:
 - Well control zones where no drinking water wells can be constructed
 - Groundwater monitoring at certain locations based on underground travel time
- Valley Water continues to discuss related proposals with regulatory agencies and revise based on feedback.

Figure 1: Proposed Purified Water Project well control zones and groundwater monitoring



Note: All known potable water supply wells are shown.



Valley Water

Clean Water • Healthy Environment • Flood Protection

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Santa Clara Valley Water District

File No.: 23-0931

Agenda Date: 9/27/2023

Item No.: 4.2.

COMMITTEE AGENDA MEMORANDUM Recycled Water Committee

Government Code § 84308 Applies: Yes ☐ No ☒
(If "YES" Complete Attachment A - Gov. Code § 84308)

SUBJECT:

Receive Direct Potable Reuse (DPR) Update and Provide Feedback.

RECOMMENDATION:

Receive update and provide feedback on DPR regulatory developments.

SUMMARY:

On July 21st, 2023, the California State Water Resources Control Board (Water Board) released its long-awaited and highly anticipated Direct Potable Reuse (DPR) regulations. This action also triggered the formal start of a 45-day comment period under the Administrative Procedures Act (APA).

Valley Water provided input and feedback for the Comment Letter that was prepared by WaterReuse California (WRCA) and submitted to the Division of Drinking Water (DDW) on September 1, 2023.

In addition, the Water Board conducted a workshop on the released regulations on September 7th, 2023. As part of the workshop, WRCA assembled a panel of staff from several water agencies and technical experts to deliver comments and feedback to the Water Board. The panel consisted of the following members:

- Rick Callender, CEO, Valley Water
- Dave Pedersen, General Manager, Las Virgenes Municipal Water District
- David Pettijohn, Director of Water Resources, Los Angeles Department of Water and Power
- Deven Upadhyay, Assistant General Manager, Metropolitan Water District of Southern California
- Shane Trussell, President, Trussell Technologies Inc.

Panel members acknowledged the tremendous strides and dedication by the Water Board staff in developing the DPR regulations. They also provided highlights of Water Reuse projects under development for their respective agency service areas. The Panel offered important comments and input, recommending changes in the draft DPR regulations in the context of the proposed future DPR projects planned in California.

These included:

- Examples of planned projects and operational scenarios where having a *Broad Alternatives Clause* in the regulations would allow flexibilities for adapting future advancements in treatment and monitoring technologies, operations, and technical, managerial, and financial (TMF) aspects of these projects.
- Requesting that the Water Board consider having the State Board's scientific advisory bodies act as the primary information source for DPR projects for the monitoring of *Contaminants of Emerging Concern* (CEC) and the development of thresholds to avoid inconsistent and divergent CEC monitoring requirements statewide.

It is anticipated that the final approval of the regulations by the Water Board would take place in the second week of December 2023. Thereafter, the regulatory package will move through a series of steps for formal adoption starting in 2024. This will lead to the final stage which is the 30-day review period by the Office of Administrative Law (OAL). Once OAL completes their review and approval - which is anticipated to take place in the Spring of 2024 - the regulatory package will be signed by the Secretary of State. Thirty days after, the DPR Regulations become effective.

The proposed regulations would pave the way for future delivery of advanced treated water directly into a public water system or a raw water supply immediately upstream of a water treatment plant. These two forms of DPR delivery are referred to as Treated Water Augmentation (TWA) and Raw Water Augmentation (RWA) respectively.

Valley Water has been involved in the development of DPR regulations since its beginning about 13 years ago. As part of the WRCA Direct Potable Reuse Working Group, which has been guiding the development of these regulations for the past two years, Valley Water has worked with other partners and stakeholders to ensure progression of these important regulations. Staff will continue to monitor further developments of DPR regulations.

ENVIRONMENTAL JUSTICE IMPACT:

There are no Environmental Justice impacts associated with this item.

ATTACHMENTS:

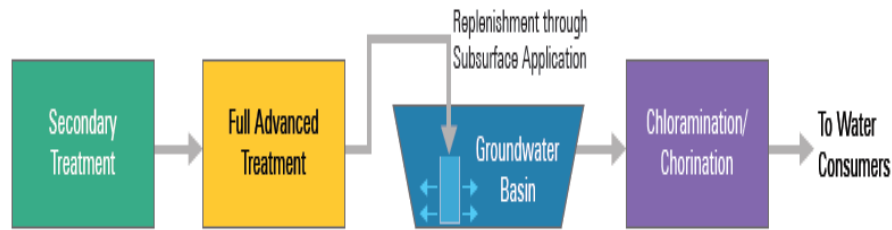
Attachment 1: PowerPoint

File No.: 23-0931

Agenda Date: 9/27/2023
Item No.: 4.2.

UNCLASSIFIED MANAGER:
Kirsten Struve, 408-630-3138

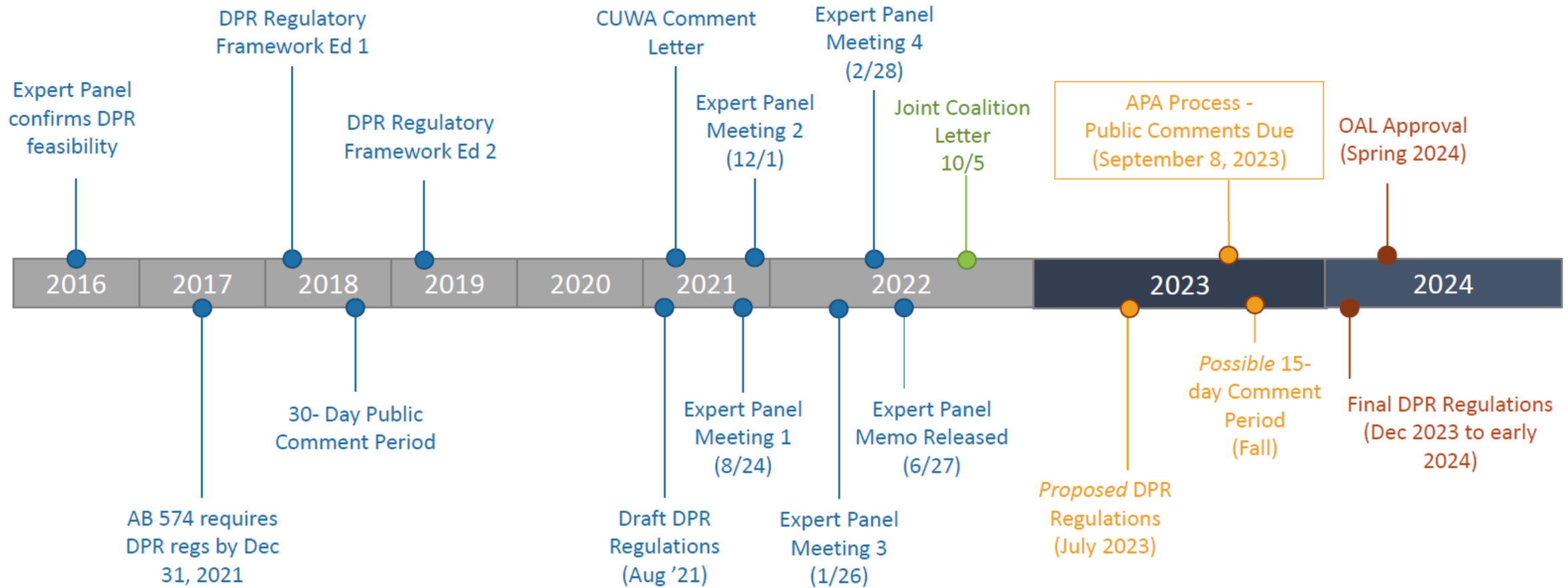
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Update on Direct Potable Reuse Regulations

Recycled Water Committee
Sep. 27, 2023

DPR Regulatory Progression



September 7th Water Board DPR Workshop

3

- WaterReuse California assembled panel of water agencies and experts
- Panel's comments included:
 - Appreciation for Water Board staff
 - Benefits of an expanded alternatives clause
 - Need for consistency in CEC monitoring



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Santa Clara Valley Water District

File No.: 23-0962

Agenda Date: 9/27/2023

Item No.: 4.3.

COMMITTEE AGENDA MEMORANDUM Recycled Water Committee

Government Code § 84308 Applies: Yes ☐ No ☒
(If "YES" Complete Attachment A - Gov. Code § 84308)

SUBJECT:

Receive and Discuss the 2023 Recycled Water Committee Work Plan, Upcoming Discussion Items, and Upcoming Meeting Date.

RECOMMENDATION:

Receive information on the 2023 Recycled Water Committee Work Plan, and provide feedback on upcoming discussion items and next meeting date.

SUMMARY:

Under direction of the Clerk, Work Plans are used by all Board Committees to increase Committee efficiency, provide increased public notice of intended Committee discussions, and enable improved follow-up by staff. Work Plans are dynamic documents managed by Committee Chairs and are subject to change.

At the February 22, 2023 meeting, the Committee approved the 2023 work plan that has agenda items necessary for the continuation of the recycled water projects. An updated 2023 work plan (Attachment 1) proposes changes for the remaining meetings in the year.

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

ENVIRONMENTAL JUSTICE IMPACT:

There are no Environmental Justice impacts associated with this item.

ATTACHMENTS:

Attachment 1: 2023 Revised Work Plan

File No.: 23-0962

Agenda Date: 9/27/2023
Item No.: 4.3.

UNCLASSIFIED MANAGER:
Kirsten Struve, 408-630-3138

PROPOSED RWC 2023 WORK PLAN

Task	Agenda Item	January	February	March	April	May	June	July	August	September	October	Nov/Dec		
FY 23 Tactic 1: Advance the Purified Water Program by releasing an RFP for at least one locally-sponsored		CANCELED			CANCELED			RECESS						
1.1	Update on Purified Water Program including Partnership with Cities of San Jose and Palo Alto.		X	X		X	X		X	X				
1.2	Update on Public Private Partnership [P3] Procurement.		X	X		X	X		X	X				
FY 23 Tactic 2: Implement the Countywide Water Reuse Master Plan.														
2.1	Implement the Countywide Water Reuse Master Plan (Core Plan)					X								
2.2	Joint Mtg Prep/Debrief: Joint Recycled Water Policy Advisory Committee			X		X								
2.3	Joint Mtg Prep/Debrief: Cities of Palo Alto/Mtn View.													
2.4	Joint Mtg Prep/Debrief: City of Sunnyvale.													
2.5	Update on SFPUC/BAWSCA Collaboration Efforts.									X				
2.6	Independent Advisory Panel.					X			X					
FY 23 Tactic 3: Continue to actively be involved with Direct Potable Reuse (DPR) guidance and implement														
3.1	Actively Engage in Direct Potable Reuse									X	X		X	
FY 23 Tactic 4: Develop a Comprehensive Water Reuse Agreement for South County to advance water														
4.1	South Santa Clara County Water Reuse Collaboration.					X				X		X		
FY 23 Tactic 5: Continue to monitor feasibility of desalination.														
5.1	Continue to monitor feasibility of desalination.			X									X	
Others														
6.1	Continue collaboration on the Silicon Valley Advanced Water Purification Center including building a strong collaborative relationship with the San Jose-Santa Clara Regional Wastewater Facility to expand the facility.		X								X			X
6.2	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.	X												
6.3	Update on Bottling Purified and water tasting station at the SVAWPC.				X									
6.4	Urban Runoff Study with Stanford University.					X								
6.5	Outreach Efforts.													
6.6	Potential Amount of Wastewater for Water Reuse.				X						X			

*Blue strikes - items added on updated work plan

*Red strikes - items deleted from current work plan

** Being updated/removed in FY23 Board Work Plan

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