

October 12, 2021

**MEETING NOTICE & REQUEST FOR RSVP****TO: ENVIRONMENTAL AND WATER RESOURCES COMMITTEE**

<b><u>Jurisdiction</u></b>	<b><u>Representative</u></b>	<b><u>Representative</u></b>	<b><u>Representative</u></b>
District 1	Bonnie Bamburg	Loren Lewis	
District 2	Charles Ice	Elizabeth Sarmiento	
District 3	Hon. Dean Chu	Charles Taylor	
District 4	Susan Blake	Bob Levy	
District 5	Hon. Tara Martin-Milius	Mike Michitaka	
District 6	Hon. Patrick S. Kwok	Diego Mora Tejeda	Jim Piazza
District 7	Tess Byler	Arthur M. Keller, Ph.D.	Hon. Stephen A. Jordan

The regular meeting of the Environmental and Water Resources Committee is scheduled to be held on **Monday, October 18, 2021, at 6:00 p.m.** via Zoom Link:

<https://valleywater.zoom.us/j/94403145442>

Enclosed are the meeting agenda and corresponding materials. Please bring this packet with you to the meeting. Additional copies of this meeting packet are available on-line at <https://www.valleywater.org/how-we-operate/committees/board-advisory-committees>

A majority of the appointed membership is required to constitute a quorum, which is fifty percent plus one. A quorum for this meeting must be confirmed at least 48 hours prior to the scheduled meeting date or it will be canceled.

Further, a quorum must be present on the day of the scheduled meeting to call the meeting to order and take action on agenda items.

Members with two or more consecutive unexcused absences will be subject to rescinded membership.

Please confirm your attendance **no later than Thursday, October 14, 2021, 4:30 p.m.** by contacting Ms. Glenna Brambill at 1-408-630-2408, or [gbrambill@valleywater.org](mailto:gbrambill@valleywater.org).

Enclosures



## Environmental and Water Resources Committee Meeting

ZOOM LINK:

<https://valleywater.zoom.us/j/94403145442>

Meeting ID: 944 0314 5442

One tap mobile

+16699009128,,94403145442# US (San Jose)

Dial by your location

+1 669 900 9128 US (San Jose)

Meeting ID: 944 0314 5442



# Santa Clara Valley Water District Environmental and Water Resources Committee Meeting

**Teleconference**  
**Join Zoom Meeting**  
**<https://valleywater.zoom.us/j/94403145442>**

## REGULAR MEETING AGENDA

**Monday, October 18, 2021**  
**6:00 PM**

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

Bob Levy, Chair  
Arthur M. Keller, Ph.D. Vice Chair

Director Tony Estremera  
Director Nai Hsueh  
Director Linda J. LeZotte

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.

Mr. John Bourgeois  
Mr. Vincent Gin  
(Staff Liaisons)

Ms. Glenna Brambill  
(Committee Liaison)  
Management Analyst II  
gbrambill@valleywater.org  
1-408-630-2408

**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**  
**Environmental and Water Resources Committee**  
**REGULAR MEETING**  
**AGENDA**

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Monday, October 18, 2021

6:00 PM

Teleconference

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IMPORTANT NOTICES

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

In accordance with the requirements of Gov. Code Section 54954.3(a), members of the public wishing to address the Board/Committee at a video conferenced meeting, during public comment or on any item listed on the agenda, should use the "Raise Hand" tool located in the Zoom meeting link listed on the agenda, at the time the item is called. Speakers will be acknowledged by the Board Chair in the order requests are received and granted speaking access to address the Board.

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

This agenda has been prepared as required by the applicable laws of the State of California, including but not limited to, Government Code Sections 54950 et. 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/94403145442>**

**Dial by your location**  
**+1 669 900 9128 US (San Jose)**  
**Meeting ID: 944 0314 5442**

**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 two minutes or as set by the Chair. The law does not permit Committee action on, or extended discussion of, any item not on the agenda except under special circumstances. If Committee action is requested, the matter may be placed on a future agenda. All comments that require a response will be referred to staff for a reply in writing. The Committee may take action on any item of business appearing on the posted agenda.*

**3. APPROVAL OF MINUTES:**

3.1. Approval of Minutes.

[21-1107](#)

Recommendation: Approve the July 19, 2021, Meeting Minutes.

Manager: Candice Kwok-Smith, 408-630-3193

Attachments: [Attachment 1: 07192021 EWRC DRAFT Mins](#)

Est. Staff Time: 5 Minutes

**4. ACTION ITEMS:**

- 4.1. Drought and Purified Water Project Update. [21-1108](#)  
Recommendation: Receive Information on the Drought and Valley Water's Purified Water Project.  
Manager: Kirsten Struve, 408-630-3138  
Attachments: [Attachment 1: PowerPoint Presentation](#)  
Est. Staff Time: 15 Minutes
- 4.2. Review, Discuss, and Approve Draft Environmental and Water Resources Committee's Working Groups Restructure. [21-1109](#)  
Recommendation: A. Review, discuss, and approve Draft Environmental and Water Resources Committee's Working Groups Restructure, and  
B. Provide comments to the Board on implementation of Valley Water's mission applicable to working groups' recommendations.  
Manager: Candice Kwok-Smith, 408-630-3193  
Attachments: [Attachment 1: EWRC Working Groups Revision](#)  
[Attachment 2: FY2022 EWRC Working Groups Restructure](#)  
[Attachment 3: FY2022 EWRC Working Groups Reference](#)  
Est. Staff Time: 30 Minutes
- 4.3. Review Environmental and Water Resources Committee Work Plan, the Outcomes of Board Action of Committee Requests; and the Committee's Next Meeting Agenda. [21-1110](#)  
Recommendation: Review the Committee work plan to guide the committee's discussions regarding policy alternatives and implications for Board deliberation.  
Manager: Michele King, 408-630-2711  
Attachments: [Attachment 1: 2021 EWRC 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. REPORTS:**

- 6.1. Director's Report  
6.2. Manager's Report  
6.3. Committee Member Report

6.4. Informational Links:

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

- Board Policy and Planning Committee (BPPC)
- Stream Planning and Operations Committee (SPOC) (formerly FAHCE Ad Hoc Committee)
- Homeless Encampment Committee
- Water Storage Exploratory Committee (WSEC)

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

- Redistricting Advisory Committee (RAC)
- Water Conservation and Demand Management Committee (WCaDMC)

<https://www.valleywater.org/your-water/water-supply-planning/monthly-water-tracker>

- Water Tracker

**7. ADJOURN:**

- 7.1. Adjourn to Regular Meeting at 6:00 p.m., on Monday, January 24, 2022, to be called to order in compliance with the Brown Act as currently in effect and Santa Clara Valley Water District Resolution 21-85, adopted on September 28, 2021, in compliance with the provisions of AB361 (Rivas).







# Santa Clara Valley Water District

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**File No.:** 21-1107

**Agenda Date:** 10/18/2021

**Item No.:** 3.1.

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## COMMITTEE AGENDA MEMORANDUM

### Environmental and Water Resources Committee

**SUBJECT:**

Approval of Minutes.

**RECOMMENDATION:**

Approve the July 19, 2021, Meeting Minutes.

**SUMMARY:**

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 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: 07192021, EWRC Draft Meeting Mins.

**UNCLASSIFIED MANAGER:**

Candice Kwok-Smith, 408-630-3193





ENVIRONMENTAL AND WATER RESOURCES COMMITTEE

# DRAFT MINUTES

MONDAY, JULY 19, 2021  
6:00 PM

(Paragraph numbers coincide with agenda item numbers)

A regular scheduled meeting of the Environmental and Water Resources Committee (Committee) Meeting was held on July 19, 2021, Teleconference via Zoom in San Jose, California.

**1. CALL TO ORDER/ROLL CALL**

Chair Mr. Bob Levy called the meeting to order at 6:02 p.m. A quorum was established with 11 Members present.

Members in attendance were:

<u>Jurisdiction</u>	<u>Representative</u>	<u>Representative</u>	<u>Representative</u>
District 1	Loren Lewis		
District 2	Charles Ice	Elizabeth Sarmiento*	
District 3	Hon, Dean Chu		
District 4	Bob Levy		
District 5	Hon. Tara Martin-Milius	Mike Michitaka	
District 6	Hon. Patrick S. Kwok	Jim Piazza	
District 7	Tess Byler	Hon. Stephen A. Jordan	Arthur M. Keller, Ph.D.

Members not in attendance were:

<u>Jurisdiction</u>	<u>Representative</u>	<u>Representative</u>	<u>Representative</u>
District 1	Bonnie Bamburg		
District 3	Charles Taylor		
District 4	Susan Blake		
District 6	Diego Mora Tejeda		

\*Committee Members arrived as indicated below.

Board members in attendance were: Director Tony Estremera (Board Representative), Director Nai Hsueh (Board Alternate), and Director Linda J. LeZotte (Board Representative).

Staff members in attendance were: Aaron Baker, Lisa Bankosh, John Bourgeois, Glenna Brambill, Vincent Gin, Brian Mendenhall, Maggie O'Shea, and Kirsten Struve.

**2. PUBLIC COMMENT**

There was no one present who wished to speak.

**3. APPROVAL OF MINUTES**

**3.1 APPROVAL OF MINUTES**

It was moved by Ms. Tess Byler, seconded by Hon. Tara Martin-Milius, and by roll call and unanimous vote carried, to approve the April 19, 2021, Environmental and Water Resources Committee meeting minutes as presented.

Environmental and Water Resources Committee Member, Mr. Jim Piazza, District 6, introduced himself and gave a quick overview of his background and experience.

\*Ms. Elizabeth Sarmiento logged on at 6:12 p.m.

**4. ACTION ITEMS**

**4.1 ELECTION OF VICE CHAIR**

Committee Chair Bob Levy reviewed the materials as outlined in the agenda item.

It was moved by Ms. Tess Byler, seconded by Mr. Loren Lewis to nominate Hon. Steve Jordan as Committee Vice Chair, he accepted.

It was moved by Mr. Loren Lewis, seconded by Hon. Tara Martin-Milius to nominate Arthur M. Keller, Ph.D., as Committee Vice Chair, he accepted.

The Committee by roll call and majority vote (6 for Arthur, 5 for Steve, 1 Abstained) elected Arthur M. Keller, Ph.D. as the Vice Chair.

**4.2 REVIEW FY2022 BOARD WORK PLAN**

Ms. Glenna Brambill reviewed the materials as outlined in the agenda item.

The Environmental and Water Resources Committee (Mr. Charles Ice, Ms. Tess Byler, Hon Tara Martin-Milius, Mr. Bob Levy, Hon. Steve Jordan, Hon. Dean J. Chu, Mr. Mike Michitaka, Ms. Elizabeth Sarmiento, and Hon. Patrick S. Kwok) discussed the following: new water supply/underlying assumption, population growth-looking at MTC and ABAG, diversification of water, sustainability, one water, distribution of water, local water, drought, water purification plant, purple piping, carbon neutrality by 2025, participating in the Delta Conveyance, LVE, and Transfer Bethany, looking at the major differences, BAWSCA's comments on EIR-housing development-water supply, future demands, Anderson Dam, supply reduction, groundwater, subsidence, funding to incentivize using grey water, increase of rebate program, salt water intrusion, water conservation and additional water resources.

Board Chair Director Tony Estremera, Ms. Kirsten Struve, Mr. Aaron Baker, Director Nai Hsueh, and Director Linda J. LeZotte were available to answer questions.

Director Tony Estremera was available to answer questions.

The Environmental and Water Resources Committee took no action:

Committee Chair Mr. Bob Levy moved to Agenda Item 5.2.

## 5. INFORMATION ITEM

### 5.2 CLIMATE CHANGE ACTION PLAN

Ms. Lisa Bankosh and Ms. Maggie O'Shea reviewed the materials as outlined in the agenda item.

The Environmental and Water Resources Committee (Mr. Bob Levy, Mr. Mike Michitaka, Hon Tara Martin-Milius, Arthur M. Keller, Ph.D., and Elizabeth Sarmiento) had questions on the following: how it integrates with the Board's Work Plan, lost population in Santa Clara County, water retention and storage, what is Valley Water planning, how does one capture the water, ABAG numbers and is Valley Water engaged, data on ecosystems, restoration of energy and conservation to move water, recharging system, groundwater, obvious impacts, and purchases of cement.

Dr. Arthur M. Keller reiterated the Future Impacts of Climate Change Working Group's input from the Environmental and Water Resources Committee's April 19, 2021, meeting:

- Goal 1. More chargers for commuters (Goals 1.1 & 3.1) what % by when for metrics, Reduce emissions from concrete through alternatives (Goal 1, possibly 5),
- Goal 2. Renewable energy: go to 100% energy (Goal 2.1), Backup batteries instead of diesel generators (Goal 2.3, 2.2),
- Divest from fossil fuel investments (Goal 2.1),
- Goal 3. Eliminate fossil fuels from power supply (Goal 2.1, 2.2), Eliminate food waste to redirect from landfill {like Sunnyvale} (Goal 3.2),
- Goal 4. Water Reuse. increase flexibility and resilience,
- Goal 5. become a library for Alviso and other low-lying areas (Goal 5), protection of coastal areas  
WHEN the Valley Water did Reach 6 or was it Reach 7, need to buy homes (Goal 5), Do not build in Baylands---stewardship of land and saltmarshes, (Goal 5), Eco-district for human interface with Bay. Habitat restoration at same time. As adding bike trails. Ref Portland, Oregon. Salt marsh, flood plain, in North end of Sunnyvale. (Goal 5 Pumped Hydro--Goal 5),
- Goal 6. Carbon sinks in soils within district for carbon offsets <https://bcarbon.org/> --reference to ag in district Goal 6,
- Goal 7. Consider microgrid for local lands for continued operation when PG&E down. emergency preparedness.

Director Nai Hsueh and Ms. Kirsten Struve were available to answer questions.

The Environmental and Water Resources Committee took no action.

Committee Chair Mr. Bob Levy moved to Agenda Item 4.3.

**4. ACTION ITEMS**

**4.3 STATUS OF ENVIRONMENTAL AND WATER RESOURCES COMMITTEE'S WORKING GROUPS**

Ms. Glenna Brambill and Committee Chair Mr. Bob Levy reviewed the following:

The Environmental and Water Resources Committee (Mr. Bob Levy, Arthur M. Keller, Ph.D., Mr. Loren Lewis, Ms. Tess Byler, and Elizabeth Sarmiento) discussed the following: prioritizing the working groups to get guidance and input from the committee members, getting the main focus of the working groups then assign leads, and condense the 17 working groups to the 6 core groups.

Hon. Steve Jordan reported on the Water Storage Exploratory Committee (WSEC), there were two meetings, June 30, 2021, and July 19, 2021, and the working group needs to schedule a meeting.

The Environmental and Water Resources Committee took no action, however, Director Nai Hsueh will work with Chair Mr. Bob Levy and appropriate staff to determine the priorities of what the working groups should be focusing on.

**4.4 REVIEW OF ENVIRONMENTAL AND WATER RESOURCES COMMITTEE WORK PLAN, THE OUTCOMES OF BOARD ACTION OF COMMITTEE REQUESTS AND THE COMMITTEE'S NEXT MEETING AGENDA**

Committee Chair Mr. Bob Levy reviewed the materials as outlined in the agenda item.

The Environmental and Water Resources Committee took no action but would like information or updates on the following items: Anderson Dam, FAHCE Draft EIR released (send link to EWRC), Recycled and Purified Water, and, homeless encampment strategies, but the Committee would like to see pertinent items to give input prior to Board approval.

Mr. Aaron Baker and Mr. John Bourgeois were available to answer questions.

**5. INFORMATION ITEMS**

**5.1 STANDING ITEMS REPORT**

Ms. Glenna Brambill reviewed the materials as outlined in the agenda item.

The Environmental and Water Resources Committee took no action.

**6. CLERK REVIEW AND CLARIFICATION OF COMMITTEE'S REQUESTS TO THE BOARD**

Ms. Glenna Brambill reported there were no action items for Board consideration. There two Committee items under 4.3 working groups prioritizing what the groups need to focus on and 4.4 what agenda items will go on the October meeting.

## 7. REPORTS

### 7.1 DIRECTOR'S REPORT

Director Nai Hsueh reported on:

- Monthly Water Tracker, is on Valley Water website, gives up-to-date information on the water conservation and water supply issues.

### 7.2. MANAGER'S REPORT

Mr. John Bourgeois reported on:

- FAHCE Draft EIR open for public comments, there will be a public meeting hosted by Board Chair Director Estremera on Wednesday, July 21, 2021, 4:30 p.m.

### 7.3 COMMITTEE MEMBER REPORTS

Ms. Tess Byler reported on:

- SFCJPA and member agencies are sponsoring FEMA Flood Risk 2.0 calculating flood zone and flood insurance webinar on August 24, 2021, (FEMA Is Changing The Way It Evaluates Flood Risks) <https://www.priechel.com/FEMA-Flood-Risks-Definition-2021-08-24.html>

### 7.4 INFORMATIONAL LINK REPORTS

Links to add for the Committee information:

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

- Board Policy and Planning Committee (BPPC)
- Stream Planning and Operations Committee (SPOC) (formerly FAHCE Ad Hoc Committee)
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- Water Storage Exploratory Committee (WSEC)

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

- Redistricting Advisory Committee (RAC)
- Water Conservation and Demand Management Committee (WCaDMC)

<https://www.valleywater.org/your-water/water-supply-planning/monthly-water-tracker>

- Water Tracker

**8. ADJOURNMENT**

Committee Chair Bob Levy adjourned at 8:07 p.m. to the next regular meeting on Monday, October 18, 2021, at 6:00 p.m., 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.

Submitted by:

Glenna Brambill  
Board Committee Liaison  
Office of the Clerk of the Board

Approved:





# Santa Clara Valley Water District

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**File No.:** 21-1108

**Agenda Date:** 10/18/2021

**Item No.:** 4.1.

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## COMMITTEE AGENDA MEMORANDUM

### Environmental and Water Resources Committee

**SUBJECT:**

Drought and Purified Water Project Update.

**RECOMMENDATION:**

Receive Information on the Drought and Valley Water's Purified Water Project.

**SUMMARY:**

On June 9, 2021, the Valley Water Board of Directors declared a water shortage emergency condition pursuant to California Water Code §350, called for water use restrictions of 15% compared to 2019, and urged the County of Santa Clara to proclaim a local emergency. The County of Santa Clara proclaimed a local emergency on June 15, which was ratified by the Board of Supervisors on June 22.

The U.S. Drought Monitor Report from September 14, 2021, indicates that the majority of the County is in extreme drought, and the northeastern portion of the County is in exceptional drought. The Sierra Nevada snowpack, a primary source of imported water, is at 0% of average as of August 30, 2021, and 0% of average statewide.

Reflecting critically dry conditions across the state, the Central Valley Project and State Water Project have drastically reduced imported water allocations, which comprise half of Valley Water's typical annual water supply. Valley Water has been negotiating purchases of emergency transfer water supplies; however, potential state regulatory actions pose significant uncertainty to water transfers. Of the 71,500 AF Central Valley Project Municipal and Industrial allocation, about 28,500 AF was conditionally approved Public Health & Safety water from Reclamation with deliveries of this water planned for July through October.

Furthermore, Valley Water is impacted by the unavailability of Anderson Reservoir as a surface water storage facility for the duration of the Anderson Dam Seismic Retrofit Project, which is expected to last 10 years. The loss of Anderson, lower imported water supplies, and uncertainty over emergency water transfers could result in rapid and significant drops in our groundwater levels and resulting in the potential for subsidence and dry wells. In South County, groundwater is the only drinking water supply.

Consequently, water conservation is an important strategy to help alleviate these negative impacts. Valley Water continues to conduct public outreach to encourage water conservation and participation in Valley Water's conservation programs. Participation in these programs has increased dramatically in 2021.

Countywide, the percent change of water used compared to 2019 has been steadily decreasing since March 2021, showing that retailers, cities, and our communities are responding to the call for conservation. In March 2021, water use in Santa Clara County was 25% higher when compared to March 2019. In August 2021, Santa Clara County used 9% less water compared to August 2019. Valley Water anticipated that reducing water use countywide by 15% would be a gradual process, however it is encouraging to see the numbers trending in the right direction.

In addition, Valley Water recently completed a Countywide Water Reuse Master Plan (CoRe Plan) that evaluates potable reuse opportunities throughout Santa Clara County, including identifying options for achieving the WSMP's water reuse targets. In September 2020, the Board approved a Design-Build-Finance-Operate-Maintain (DBFOM) procurement process under a Public/Private Partnership (P3) to expand indirect potable reuse (IPR). The proposed Project includes the construction of a new advanced water purification facility (AWPF), water conveyance pipelines to the existing Los Gatos Recharge System complex located in the City of Campbell, lateral pipelines, and associated facilities. The AWPF would be located either at the existing Silicon Valley Advanced Water Purification Center on Zanker Road in San José or located at the Former Los Altos Treatment Plant (FLATP) in Palo Alto due to the amount of treated wastewater available for the project. The proposed Project would use advanced water purification processes, including reverse osmosis (RO) treatment and would generate purified water for ground water recharge.

The purpose of the proposed Project is to establish greater water supply reliability for Santa Clara County and to help ensure continued groundwater sustainability. The proposed Project's objectives to meet this purpose are as follows:

- Support Valley Water's water supply reliability goals, including the provision of at least 10% of all water supplies through recycled water.
- Develop the use of purified water, consistent with Valley Water's adopted Water Supply Master Plan 2040.
- Implement a potable reuse supply project that provides 10 MGD to 12.5 million gallons per day (MGD) production capacity for an annual yield of approximately 11,200 AFY of sustainable purified water supply for long-term/future demands.

The project will utilize a Public-Private Partnership (P3) model as a way to deliver this project. Procurement for the private partner, public outreach efforts, and development of an Environmental Impact Report are ongoing.

**ATTACHMENTS:**

Attachment 1: PowerPoint Presentation





**UNCLASSIFIED MANAGER:**

Kirsten Struve, 408-630-3138



# Drought and Purified Water Project Update

# Valley Water Water Supply Portfolio

	<p><i>Local Water (30%)</i></p> <ul style="list-style-type: none"><li>• Groundwater aquifer</li><li>• Reservoirs</li></ul>
	<p><i>Imported Water (50%)</i></p> <ul style="list-style-type: none"><li>• Delta conveyed</li><li>• Hetch Hetchy</li></ul>
	<p><i>Recycled Water (5%)</i></p> <ul style="list-style-type: none"><li>• Wastewater Treatment</li><li>• Advanced Purification</li></ul>
	<p><i>Conservation (15%)</i></p> <ul style="list-style-type: none"><li>• Residential</li><li>• Commercial, Agriculture</li></ul>



# Drought Status

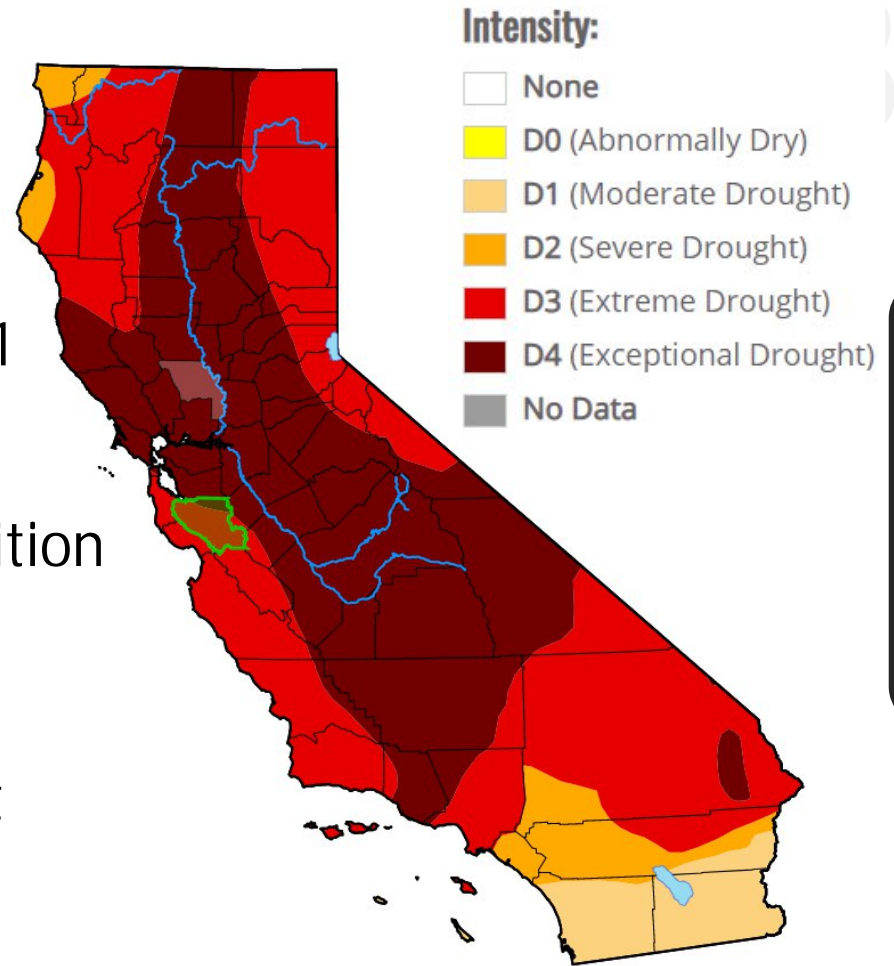
Extreme/Exceptional Drought

May 10 – State drought proclamation in 41 counties

June 8 – Water Shortage Emergency Condition

June 22 - County proclaims drought

July 8 – County included in State’s drought proclamation

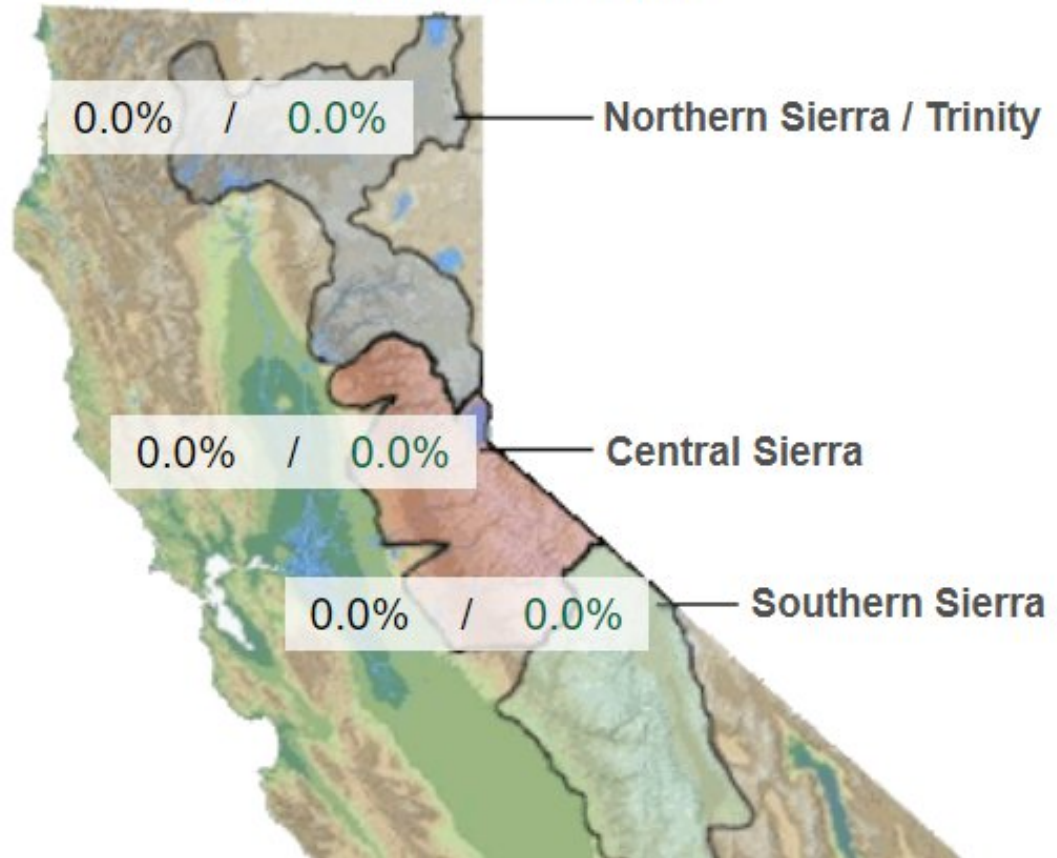


valleywater.org

Data For: 30-Aug-2021

% Apr 1 Avg. / % Normal for this Date

Snowpack:  
Zero percent of  
average



# 2021 Drought Impacts to Valley Water

Local water supplies are low

Imported water allocations are low:

State Water Project: 5%

Central Valley Project:

- 0% Agriculture
- 25% Municipal & Industrial\*

\*Conditional approval of Public Health and Safety request



# Loss of Anderson Increases Risk

Drained by federal mandate for seismic retrofit  
(89,278 acre-feet capacity)



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# Risk to Water Supply

Groundwater levels and storage continue to decline

Risk of impacts, such as wells going dry, in 2022 without emergency imported water supplies, additional conservation

Groundwater is about 40% of county water use

Groundwater is the only drinking water source in South County

# Water Shortage Emergency Condition

- Declared Water Shortage Emergency Condition calling for Water Use Restriction on June 9, 2021
- County proclaimed local emergency June 22, 2021
- Resolution includes:
  - Valley Water to aggressively promote water conservation programs to all water users
  - Calls for a maximum of three days a week watering of ornamental landscapes and lawns

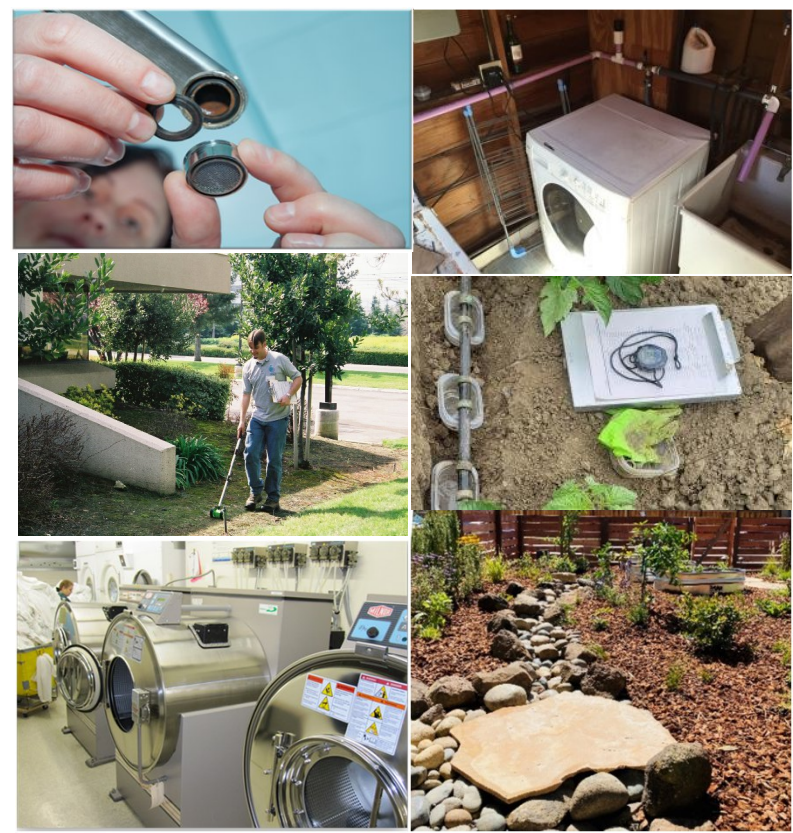
# Valley Water Drought Response

- Landscape Conversion Rebate – \$1 to \$2 per sq. ft.
- Increased conservation messaging
- Interactive webpage
- Reduce retailer deliveries
- Ensure adequate recharge in South County
- Paused imported water releases to most creeks and ponds
- Monthly Board drought emergency updates



# Water Conservation Programs

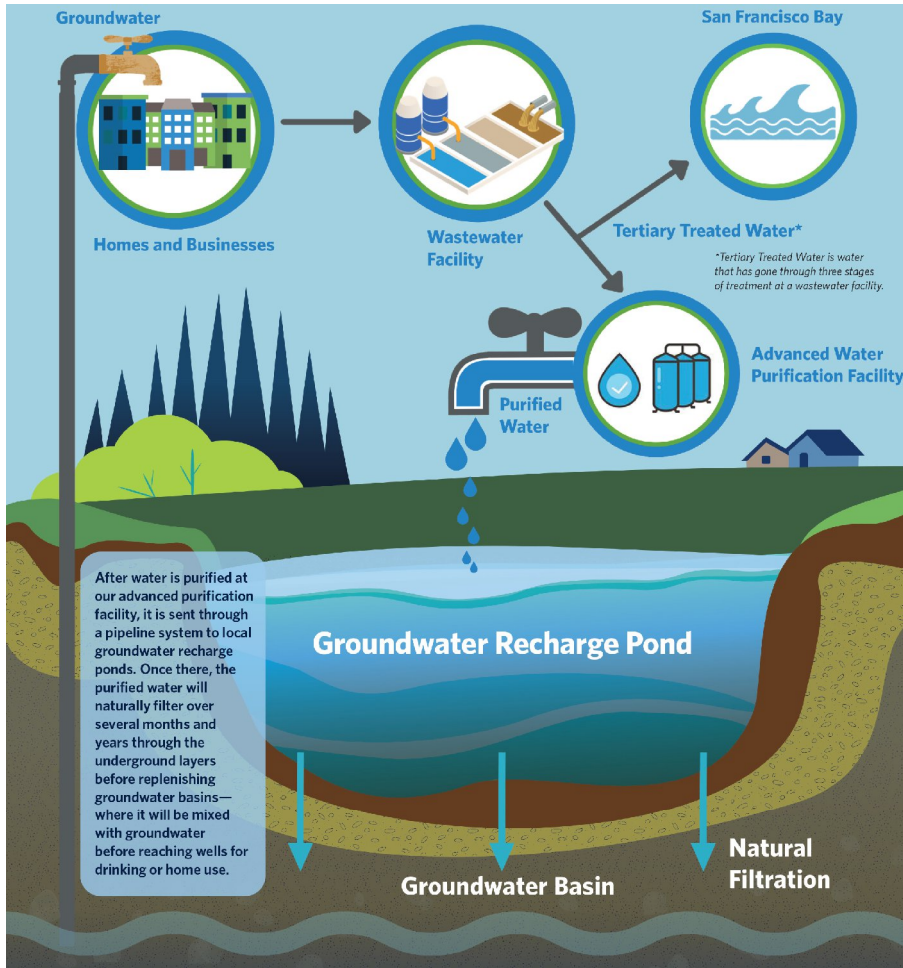
- Residential Programs
- Landscape Programs
- Commercial, Industrial, Institutional (CII) Programs
- Agriculture Programs
- Water Waste Inspectors
- Education/Workshops/Resources



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# Recycled and Purified Water



## ADVANCED WATER PURIFICATION PROCESS

### HIGHLY TREATED WASTEWATER

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



#1 MICROFILTRATION



#2 REVERSE OSMOSIS



#3 UV LIGHT DISINFECTION AND ADVANCED OXIDATION

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valleywater.org

# Countywide Reuse Master Plan

## Goal:

Identify feasible opportunities for expanding reuse as part of Valley Water's strategy to improve water supply reliability and regional self-reliance

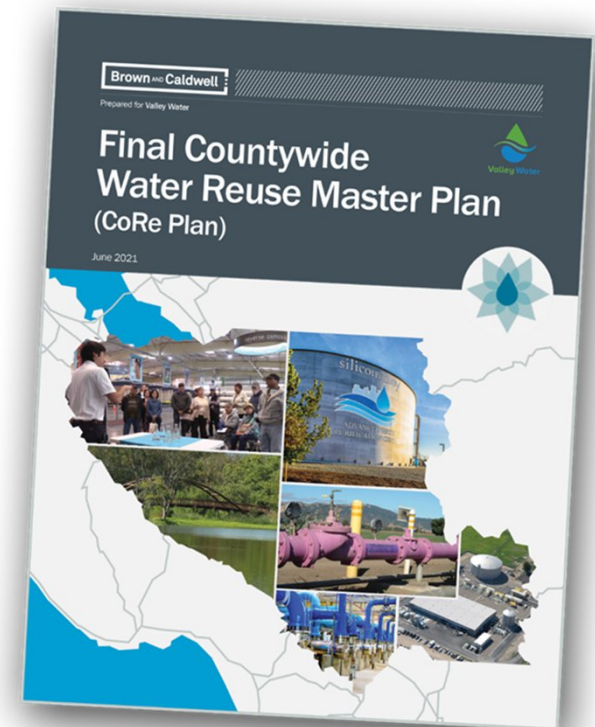
Aligned with Valley Water's One Water Plan and Water Supply Master Plan 2040

Through substantial engagement and collaboration with Partner Agencies

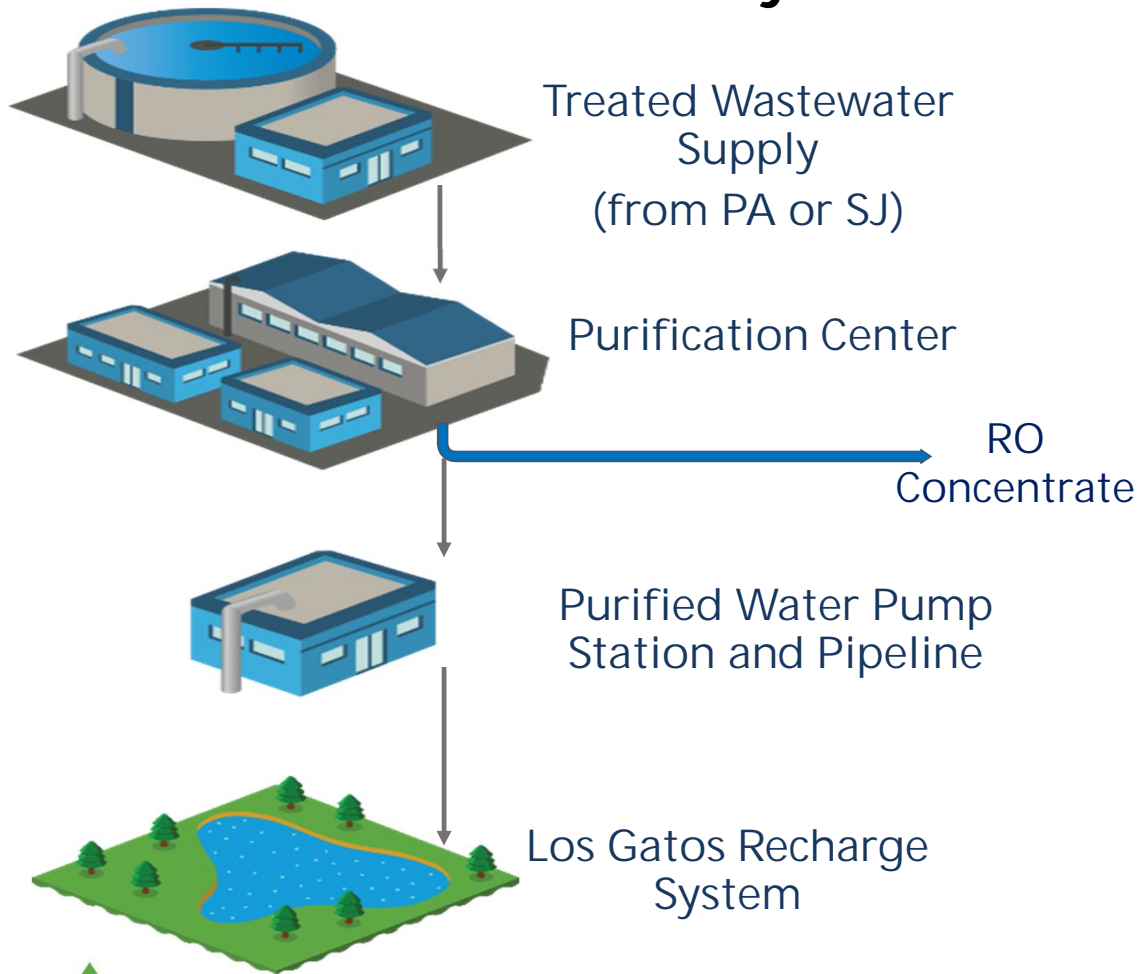
## Objectives:

Integrate existing recycled water systems and expand non-potable reuse

Develop purified water systems



# Purified Water Project



# Timeline

- Fall 2021: Board decision on project site
- 2022: Valley Water plans to award the project
- 2024: Private partner completes design and permitting (with defined community benefits)
- 2028: Construction will be completed and water flowing to the Los Gatos Recharge system





# Environmental /Public Review

- An Environmental Impact Report (EIR) is being created and will be released at a later date.
- EIR Scoping Meeting on March 29, 2021
- Any impacts and mitigations will be identified in the EIR.



# QUESTIONS





# Santa Clara Valley Water District

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**File No.:** 21-1109

**Agenda Date:** 10/18/2021

**Item No.:** 4.2.

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## COMMITTEE AGENDA MEMORANDUM

### Environmental and Water Resources Committee

**SUBJECT:**

Review, Discuss, and Approve Draft Environmental and Water Resources Committee's Working Groups Restructure.

**RECOMMENDATION:**

- A. Review, discuss, and approve Draft Environmental and Water Resources Committee's Working Groups Restructure, and
- B. Provide comments to the Board on implementation of Valley Water's mission applicable to working groups' recommendations.

**SUMMARY:**

At the Committee's January 2019 meeting, the Committee would like to see the working groups more aligned with the issues and policies that the Board of Directors has on their work plan and calendar for this year.

The Board approved the Committee's request to keep the Committee informed of the working groups' activities and results.

This will be a standing agenda item.

**BACKGROUND:**

The District Act provides for the creation of advisory boards, committees, or commissions by resolution to serve at the pleasure of the Board.

Accordingly, the Board has established Board Committees, which bring respective expertise and community interest, to advise the Board, when requested, in a capacity as defined: prepare Board policy alternatives and provide comment on activities in the implementation of the District's mission for Board consideration. In keeping with the Board's broader focus, Board Committees will not direct the implementation of District programs and projects, other than to receive information and provide comment.

Further, in accordance with Governance Process Policy-3, when requested by the Board, the Board's

Committees may help the Board produce the link between the District and the public through information sharing to the communities they represent.

**ATTACHMENTS:**

Attachment 1: EWRC Draft Working Group Restructure

Attachment 2: FY2022 EWRC Working Groups Restructure Draft Spreadsheet

Attachment 3: FY2022 EWRC Working Groups Reference Spreadsheet

**UNCLASSIFIED MANAGER:**

Candice Kwok-Smith, 408-630-3193

## **Environmental and Water Resources Committee**

Draft Work Plan Revisions, Working Groups

Drafted on 10 August 2021

(Latest revision: 5 October 2021)

The Environmental and Water Resources Committee (EWRC) has a broad mandate that includes all aspects of the Valley Water mission (see attached excerpt from Board Resolution 17-75). However, this broad mandate can at times result in a dilution of purpose. These draft work plan revisions are aimed at focusing the EWRC's efforts in a way that takes better advantage of the resources and experience of a strong and diverse membership, while strengthening the advisory role of the EWRC to the benefit of the Valley Water Board and staff.

The EWRC takes its direction from the Board. Action items as directed by the Board will take top priority in Committee business.

The defined roles of the EWRC are to:

1. Provide input on policy.
2. Provide comment on activities in the implementation of Valley Water's mission.
3. Act as a link between Valley Water and the public.
4. Produce and present an Annual Accomplishments Report.

With these simple guiding principles in mind, to make the committee more directly connected to its stated purpose, we propose the following structure:

### **Policy and Implementation Input** (roles 1 and 2 above)

The formation of 5 Working Groups:

1. **Integrated Water Resources Management** (sample topics: One Water Plan [Integrated Water Resources Master Plan], FloodMAR, Green stormwater infrastructure); staff liaison: Senior Water Resources Specialist overseeing One Water (currently Brian Mendenhall)
2. **Water Supply** (sample topics: Anderson Dam Seismic Retrofit project, Purified Water, Pacheco Reservoir Expansion Project); staff liaison: Senior Water Resources Specialist (currently Jing Wu)
3. **Natural Flood Protection** (sample topics: Shoreline Phase 2, Upper Penitencia Creek); staff liaison: Unit Manager (currently Afshin Rouhani)

4. **Environmental Stewardship** (sample topics: FAHCE, habitat connectivity and riparian corridors, fish passage including gravel and LWD); staff liaison: Unit Manger (currently Lisa Porcella)
5. **Climate Change** (sample topics: Climate Change Action Plan [CCAP] Implementation, GHG methodology updates); staff liaison: Senior Water Resources Specialist overseeing CCAP (currently Brian Mendenhall)

Access to the staff liaisons should be used respectfully, with the intent of 1) clarifying questions on specific topics and 2) obtaining access to background information and/or resources being provided to other committees.

Each Working Group will have 4-8 members and will designate a Lead.

Assigned Work: Assigned tasks by the Board will take priority for the EWRC. When input on an issue is desired by the Board, the item will go first to the Working Group (unless time does not permit and the WG feels the item can go straight to the full Committee). The Working Group will then present recommendations to the full committee for action if deemed appropriate.

Proactive Topics: If there are items that the EWRC would like more information on, and they are not an item requested from the Board, we suggest the following process:

- When applicable, EWRC liaison (see below) will attend the relevant Board or Committee where the item is being discussed.
- Discuss the item at the Working Group level to see if there is consensus on whether an item is appropriate to be brought to the entire Committee.
- Bring the item to the full EWRC during the standing agenda item to review the work plan and vote on whether or not to fully agendaize the item for discussion at a subsequent meeting. If time is short, the Working Group Lead may bring the item to the Chair and Vice Chair of the EWRC who will consult with staff and may agendaize it for the next meeting.
- Questions to consider when voting on an item:
  - Is the item being adequately addressed in another forum (see Standing Items Report for updates)?
  - Will the item, if brought to the EWRC, fall under one of the stated purposes of the Committee?
  - Can the EWRC positively contribute to the item to benefit Valley Water and the community?
  - Is there support from the Board liaisons for spending time on this item?

### **Board and Committee Liaisons** (roles 1 and 2 above)

We recommend that EWRC assign a liaison (plus an alternate) to each Board Committee and that these Committee members briefly report out at each quarterly

EWRC (as done under the Working Groups Update, a standing item on the agenda). The Chair will assign at-large appointments, and each Working Group will assign those liaisons for committees designated to that Working Group (see below). Updates will include any items that may be of interest to the EWRC and/or pertinent to the Committee Work Plan.

The Board Committees that we recommend designated liaisons include (with Working Group designation in parenthesis):

- Board Audit Committee (At-Large)
- Board Policy and Planning Committee (At-Large)
- Capital Improvement Program (CIP) Committee (At-Large)
- Diversity and Inclusion Ad Hoc Committee (At-Large)
- Homeless Encampment Committee (Environmental Stewardship)
- Recycled Water Committee (Water Supply)
- Stream Planning and Operations Committee (Environmental Stewardship)
- Water Conservation and Demand Management Committee (Water Supply)
- Water Storage Exploratory Committee (Water Supply)

Roles and responsibilities: The Board Committee liaisons are expected to regularly attend their designated Board Committee meetings, alerting their alternate if they are unable to attend. At those meetings, they will represent EWRC interests, report back to EWRC any items of interest, and elevate recommendations within their Working Groups on any items desired for proactive engagement (see above). The meeting schedule of these committees can be located as part of the regular meeting minutes and ongoing agenda item (Informational Link Reports), as well as at the below links:

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

- Board Policy and Planning Committee (BPPC)
- Stream Planning and Operations Committee (SPOC) (formerly FAHCE Ad Hoc Committee)
- Homeless Encampment Committee
- Water Storage Exploratory Committee (WSEC)

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

- Redistricting Advisory Committee (RAC)
- Water Conservation and Demand Management Committee (WCaDMC)

## Stakeholder Engagement (role 3 above)

The EWRC represents a vital cross-section of the Valley Water constituency. We want to emphasize the EWRC's role in being an extension of the larger community. As such, we request that EWRC members perform three vital functions:

1. Communicate relevant Valley Water issues and project updates to your network.
2. Bring to the Committee any environmental and water resources concerns or issues you are hearing in the community.
3. Bring to the Committee any environmental justice concerns or issues you are hearing in the community.

EWRC members have been carefully selected by Board members to represent a broad cross-section of the community. As leaders in the community, the Board values and relies on the EWRC members to assist in two-way communication with stakeholders and residents.

*Pertinent excerpts from Board Resolution 17-75 on the functions of advisory committees.*

### RESOLUTION 17- 75

#### PROVIDING FOR AND DEFINING THE STRUCTURE AND FUNCTION OF ADVISORY COMMITTEES TO THE SANTA CLARA VALLEY WATER DISTRICT BOARD OF DIRECTORS AND REPEALING RESOLUTION

...

1.2 The Committees are established to assist the Board with policy review and development, provide comment on activities in the implementation of the District's mission for Board consideration, and to identify Board-related issues pertaining to the following:

1.2.2 Environmental and Water Resources Committee: ***water supply, flood protection, and environmental stewardship.***

...

1.3 In accordance with Governance Process Policy-8, the specific duties of the Committees are to:

1.31. Provide ***input on policy alternatives*** for Board deliberation.

1.3.2 Provide ***comment on the activities in the implementation*** of the District's mission for Board consideration.



1.3.3 Produce and present to the Board an ***Annual Accomplishments Report*** summarizing the outcomes of the Committee's annual Board-approved work plan.

1.3.4 Further, in accordance with Governance Process Policy-3, when requested by the Board, the Advisory Committees may help the Board produce the ***link between the District and the public*** through information sharing to the communities they represent.



# FY 2022 EWRC DRAFT Working Groups

**PLEASE SIGN UP TODAY!**

Working Group Number/Title	Member Name	Lead	Total Members
<b>INTEGRATED WATER RESOURCES MANAGEMENT:</b>			
<b>WATER SUPPLY:</b>			
<b>NATURAL FLOOD PROTECTION:</b>			
<b>ENVIRONMENTAL STEWARDSHIP:</b>			
<b>CLIMATE CHANGE:</b>			
<b>Lead Member</b>			
<p><b>SPECIAL NOTES:</b>            See 2021 EWRC Working Group Restructure Guidelines.  <b>Members should limit the number of working groups they participate in because of possible Brown Act Violations (2-3 groups only).</b>  <b>Please Note: You will be sharing your phone number and email address with the other members when signing up for a working group.</b></p> <p style="text-align: right;"><b>When</b></p> <p>planning meetings, the Group Chair (Lead) should contact Glenna via email (<a href="mailto:gbrambill@valleywater.org">gbrambill@valleywater.org</a>) and John Bourgeois (<a href="mailto:jbourgeois@valleywater.org">jbourgeois@valleywater.org</a>) with meeting date/time and location and how many members are expected to attend.</p>			

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# FY 2022 EWRC Working Groups

## FOR REFERENCE

Working Group Number/Title	Member Name	Lead	Total Members
<b>INTEGRATED WATER RESOURCES MANAGEMENT</b>			
<b>Strategy #1</b> Protect and maintain existing assets and infrastructure and advance new infrastructure projects. (BPPC)			
<b>Strategy #2</b> Pursue opportunities to improve internal capacity to acquire regulatory permits. (BPPC)			
<b>Strategy #3</b> Engage and educate the community, elected officials and staff on our management of water resources in Santa Clara County. (Board)			
<b>WATER SUPPLY:</b>			
<b>Strategy #1</b> Actively Pursue Efforts to Increase Water Storage Opportunities. (WSEC)	Steve Jordan Hon. Dean J. Chu Tess Byler	S. Jordan	3
<b>Strategy #2</b> Actively Participate in Decisions Regarding the California Delta Conveyance. (Board)	Mike Michitaka Arthur M. Keller, Ph.D.		2
<b>Strategy #3</b> Lead Recycled and Purified Water Efforts with the City of San Jose and Other Agencies. (RWC)	Hon. Patrick S.Kwok Charles Ice	P. Kwok	2
<b>Strategy #4</b> Advance Anderson Dam Seismic Retrofit Project (CIP/SPOC)	Hon. Patrick S. Kwok Tess Byler	P. Kwok	2
<b>Strategy #5</b> Promote Making Water Conservation a California Way of Life in Santa Clara County. (WCaDMC)	Diego Mora Tejeda Arthur M. Keller, Ph.D. Charles Ice	A. Keller	3

# FY 2022 EWRC Working Groups

## FOR REFERENCE

Working Group Number/Title	Member Name	Lead	Total Members
<b>NATURAL FLOOD PROTECTION:</b>			
<b>Strategy #1</b> Plan, design and maintain flood protection projects with multiple benefits, including protecting ecosystem functions and enhancing habitat. (CIP/BPPC)	Tess Byler Mike Michitaka Elizabeth Sarmiento		3
<b>Strategy #2</b> Provide flood protection equitably in all regions of the County, prioritizing disadvantaged communities. (CIP/BPPC)			
<b>ENVIRONMENTAL STEWARDSHIP:</b>			
<b>Strategy #1</b> Attain net positive impact on the environment when implementing flood protection and water supply projects. (BPPC)	Susan Blake Bob Levy	S. Blake	2
<b>Strategy #2</b> Promote the protection of creeks, bay, and other aquatic ecosystems from threats of pollution and degradation. (HEC/SPOC)	Diego Mora Tejeda Charles Taylor Bob Levy	B. Levy	3
<b>Strategy #3</b> Continue the Fisheries and Aquatic Habitat Collaborative Effort (FAHCE). (SPOC)			
<b>BUSINESS MANAGEMENT:</b>			

# FY 2022 EWRC Working Groups

## FOR REFERENCE

Working Group Number/Title	Member Name	Lead	Total Members
<b>Strategy #1</b> Advance racial equity, diversity, and inclusion. (D&I)	Charles Taylor Loren Lewis Elizabeth Sarmiento		3
<b>Strategy #2</b> Maintain appropriate staffing levels and expertise and ensure the safety of our staff. (D&I)			
<b>Strategy #3</b> Provide affordable and cost effective level of services. (FSWG/BAC)			
<b>CLIMATE CHANGE:</b>			
<b>Strategy #1</b> Address future impacts of climate change to Valley Water's mission and operations. (BPPC)	Arthur M. Keller, Ph.D. Hon. Tara Martin-Milius Charles Taylor	A. Keller	3
<b>Lead Member</b>			
<p><b>SPECIAL NOTES:</b>            See 2019 EWRC Independent Working Group Guidelines.  <b>Members should limit the number of working groups they participate in because of possible Brown Act Violations (2-3 groups only).</b>            Please Note: You will be sharing your phone number and email address with the other members when signing up for a working group.</p>			

# FY 2022 EWRC Working Groups

## FOR REFERENCE

Working Group Number/Title	Member Name	Lead	Total Members
<p>When planning meetings, the Group Chair (Lead) should contact Glenna via email (<a href="mailto:gbrambill@valleywater.org">gbrambill@valleywater.org</a>) with meeting date/time and location and how many members are expected to attend.</p>			





# Santa Clara Valley Water District

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**File No.:** 21-1110

**Agenda Date:** 10/18/2021

**Item No.:** 4.3.

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## COMMITTEE AGENDA MEMORANDUM

### Environmental and Water Resources Committee

**SUBJECT:**

Review Environmental and Water Resources Committee Work Plan, the Outcomes of Board Action of Committee Requests; and the Committee's Next Meeting Agenda.

**RECOMMENDATION:**

Review the Committee work plan to guide the committee's discussions regarding policy alternatives and implications for Board deliberation.

**SUMMARY:**

The attached Work Plan outlines the topics for discussion to be able to prepare policy alternatives and implications for Board deliberation. The work plan is agendaized at each meeting as accomplishments are updated and to review any work plan assignments by the Board.

**BACKGROUND:**

**Governance Process Policy-8:**

The District Act provides for the creation of advisory boards, committees, or commissions by resolution to serve at the pleasure of the Board.

Accordingly, the Board has established Advisory Committees, which bring respective expertise and community interest, to advise the Board, when requested, in a capacity as defined: prepare Board policy alternatives and provide comment on activities in the implementation of the District's mission for Board consideration. In keeping with the Board's broader focus, Advisory Committees will not direct the implementation of District programs and projects, other than to receive information and provide comment.

Further, in accordance with Governance Process Policy-3, when requested by the Board, the Advisory Committees may help the Board produce the link between the District and the public through information sharing to the communities they represent.

**ATTACHMENTS:**

Attachment 1: Environmental and Water Resources Committee (EWRC) 2021 Work Plan

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**File No.:** 21-1110

**Agenda Date:** 10/18/2021  
**Item No.:** 4.3.

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

# 2021 Work Plan: Environmental and Water Resources Committee

Update: October 2021

The annual work plan establishes a framework for committee discussion and action during the annual meeting schedule. The committee work plan is a dynamic document, subject to change as external and internal issues impacting the District occur and are recommended for committee discussion. Subsequently, an annual committee accomplishments report is developed based on the work plan and presented to the District Board of Directors.

ITEM	WORK PLAN ITEM BOARD POLICY	MEETING DATE	INTENDED OUTCOME(S) (Action or Information Only)	ACCOMPLISHMENT DATE AND OUTCOME
1	<b>Election of Chair and Vice Chair for 2021.</b>	January 25	<ul style="list-style-type: none"> <li>Committee Elects Chair and Vice Chair for 2021 <b>(Action)</b></li> </ul>	<p><b>Accomplished January 25, 2021:</b> The Committee elected Mr. Bob Levy as Chair and Rev. Jethroe Moore, II, as Vice Chair.</p>
2	<b>Annual Accomplishments Report.</b>	January 25	<ul style="list-style-type: none"> <li>Review and approve 2020 Accomplishments Report for presentation to the Board. <b>(Action)</b></li> <li>Submit requests to the Board, as appropriate.</li> </ul>	<p><b>Accomplished January 25, 2021:</b> The Committee approved the Environmental and Water Resources Committee's 2020 Accomplishments Report. Due to COVID 19, the Committee was limited in fully engaging in 2020.</p>
3	<b>Status of Working Groups.</b>	January 25 April 19 July 19	<ul style="list-style-type: none"> <li>Receive updates on the status of the working groups. <b>(Action)</b></li> <li>Submit requests to the Board, as appropriate.</li> </ul>	<p><b>Accomplished January 25, 2021:</b> The Committee received an update from: Mr. Steve Jordan reported on his Working Group-Water Storage Exploratory Committee that he attends the meetings, and the topics of discussion have been: Anderson Dam Retrofit, Pacheco Reservoir Expansion Project, Los Vaqueros Reservoir Expansion Project (LVE), and other water banking/storage issues and concerns.</p> <p>Chair Bob Levy encouraged the Members to join the Working Groups as the sign-ups are few.</p> <p>The Committee took no action.</p>

Yellow = Update Since Last Meeting

Blue = Action taken by the Board of Directors

Attachment 1  
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ITEM	WORK PLAN ITEM BOARD POLICY	MEETING DATE	INTENDED OUTCOME(S) (Action or Information Only)	ACCOMPLISHMENT DATE AND OUTCOME
				<p><b>Accomplished April 19, 2021:</b></p> <p>The Committee received reports from the following members:                      Dr. Arthur Keller reported on the Future Impacts of Climate Change Working Group #:</p> <ul style="list-style-type: none"> <li>• Goal 1. More chargers for commuters (Goals 1.1 &amp; 3.1) what % by when for metrics,</li> <li>• Reduce emissions from concrete through alternatives (Goal 1, possibly 5),</li> <li>• Goal 2. Renewable energy: go to 100% energy (Goal 2.1), Backup batteries instead of diesel generators (Goal 2.3, 2.2),</li> <li>• Divest from fossil fuel investments (Goal 2.1),</li> <li>• Goal 3. Eliminate fossil fuels from power supply (Goal 2.1, 2.2), Eliminate food waste to redirect from landfill {like Sunnyvale} (Goal 3.2),</li> <li>• Goal 4. Water Reuse. increase flexibility and resilience,</li> <li>• Goal 5. become a library for Alviso and other low-lying areas (Goal 5), protection of coastal areas when the Valley Water did Reach 6 or was it Reach 7, need to buy homes (Goal 5), Do not build in Baylands---stewardship of land and saltmarshes, (Goal 5), Eco-district for human interface with Bay. Habitat restoration at same time. As adding bike trails. Ref Portland, Oregon. Salt marsh, flood plain, in North end of Sunnyvale. (Goal 5 Pumped Hydro--Goal 5),</li> </ul>

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Blue = Action taken by the Board of Directors

ITEM	WORK PLAN ITEM BOARD POLICY	MEETING DATE	INTENDED OUTCOME(S) (Action or Information Only)	ACCOMPLISHMENT DATE AND OUTCOME
				<ul style="list-style-type: none"> <li>• Goal 6. Carbon sinks in soils within district for carbon offsets <a href="https://bcarbon.org/">https://bcarbon.org/</a> -- reference to ag in district Goal 6,</li> <li>• Goal 7. Consider microgrid for local lands for continued operation when PG&amp;E down. emergency preparedness.</li> </ul> <p>Mr. Loren Lewis acknowledged and thanked Committee Chair Bob Levy for working with the Board to update the Working Groups and Tess Byler's prior work as the Groups are now able to be impactful and influence the reports for the Committee and Board.</p> <p>Mr. Bob Levy and Ms. Susan Blake reported on Environmental Stewardship Working Group #8:</p> <ul style="list-style-type: none"> <li>• Expanding opportunities for partnering with Cities and the County along with Santa Clara Valley Urban Run Off Pollutions and Preservation Program, West Valley Clean Creeks Program Authority, and West Valley Clean Creeks Coalition on an ongoing basis, coordinating creek clean ups on homeless encampments, anti-litter, storm drain treatment, and groundwater recharging</li> <li>• Encourage that Valley Water news post on various Nextdoor Groups for a wider audience.</li> </ul> <p>Mr. Steve Jordan reported on the Water Storage Exploratory Working Group #</p> <ul style="list-style-type: none"> <li>• The group is attending the Water Storage Exploratory Committee meetings.</li> </ul> <p>The Committee took no action.</p>

Yellow = Update Since Last Meeting

Blue = Action taken by the Board of Directors

ITEM	WORK PLAN ITEM BOARD POLICY	MEETING DATE	INTENDED OUTCOME(S) (Action or Information Only)	ACCOMPLISHMENT DATE AND OUTCOME
				<p><b>Accomplished July 19, 2021:</b>                      The Committee received reports from the following members                      Hon. Steve Jordan reported on the Water Storage Exploratory Committee (WSEC), there were two meetings, June 30, 2021, and July 19, 2021, and the working group needs to schedule a meeting.                      The Committee discussed prioritizing the working groups to get guidance and input from the committee members, getting the main focus of the working groups then assign leads, and condense the 17 working groups to the 6 core groups.  <i>The Committee took no action;</i> however, Director Nai Hsueh will work with Chair Mr. Bob Levy and appropriate staff to determine the priorities of what the working groups should be focusing on.</p>
4	<p><b>Review of Environmental and Water Resources Committee Work Plan, the Outcomes of Board Action of Committee Requests and the Committee’s Next Meeting Agenda.</b></p>	<p>January 25                      April 19                      July 19                      October 18</p>	<ul style="list-style-type: none"> <li>• Receive and review the 2021 Board-approved Committee work plan. <b>(Action)</b></li> <li>• Submit requests to the Board, as appropriate.</li> </ul>	<p><b>Accomplished January 25, 2021:</b>                      The Committee received the 2021 work plan and will continue to align the work plan according to the Board’s work plan. The Environmental and Water Resources Committee took no action but would like to add the Climate Change Action Plan to the work plan.</p> <p><b>Accomplished April 19, 2021:</b>                      The Committee reviewed the 2021 work plan and took no action.</p> <p><b>Accomplished July 19, 2021:</b>                      The Committee reviewed the 2021 work plan and took no action.</p>

Yellow = Update Since Last Meeting

Blue = Action taken by the Board of Directors

# 2021 Work Plan: Environmental and Water Resources Committee

Update: October 2021

ITEM	WORK PLAN ITEM BOARD POLICY	MEETING DATE	INTENDED OUTCOME(S) (Action or Information Only)	ACCOMPLISHMENT DATE AND OUTCOME
5	Update on Valley Water's Creation of New Office of Racial Equity, Diversity & Inclusion and Board Adoption of a Resolution Addressing Systemic Racism and Promoting Equity.	January 25	<ul style="list-style-type: none"> <li>Receive information on the New Office of Racial Equity, Diversity &amp; Inclusion (REDI) Board Adoption of a Resolution</li> </ul>	<b>Accomplished January 25, 2021:</b> The Committee received information on the New Office of Racial Equity, Diversity & Inclusion (REDI) Board Adoption of a Resolution and took no action.
6	Standing Items Reports Fiscal Year 2021:	January 25 April 19	<ul style="list-style-type: none"> <li>Receive quarterly reports on standing items. <b>(Information)</b></li> </ul>	<b>Accomplished January 25, 2021:</b> The Committee received information on the quarterly reports on standing items and took no action.  <b>Accomplished April 19, 2021:</b> The Committee received information on the quarterly reports on standing items and took no action.
<b>WATER SUPPLY:</b>				
<i>Board Strategy 1</i>	Actively Pursue Efforts to Increase Water Storage Opportunities. <i>(Assigned to Water Storage Exploratory Committee)</i>			
<i>Board Strategy 2</i>	Actively Participate in Decisions Regarding the California Delta Conveyance. <i>(Assigned to California Delta Conveyance Working Group)</i>			
<i>Board Strategy 3</i>	Lead Recycled and Purified Water Efforts with the City of San Jose and Other Agencies. <i>(Assigned to Recycled Water Committee)</i>			
<i>Board Strategy 4</i>	Engage and educate the community, elected officials and staff on future water supply strategies in Santa Clara County. <i>(Assigned to Water Conservation and Demand Management Committee)</i>			
<i>Board Strategy 5</i>	Advance Anderson Dam Seismic Retrofit Project. <i>(Assigned to Capital Improvement Program Committee)</i>			
<b>NATURAL FLOOD PROTECTION:</b>				
<i>Board Strategy 1</i>	Protect and maintain existing assets and infrastructure. <i>(Assigned to Board Policy and Planning Committee)</i>			
<i>Board Strategy 2</i>	Pursue opportunities to improve internal capacity to acquire regulatory permits. <i>(Assigned to Board Policy and Planning Committee)</i>			
<b>ENVIRONMENTAL STEWARDSHIP:</b>				
<i>Board Strategy 1</i>	Attain net positive impact on the environment when implementing flood protection and water supply projects.			

Yellow = Update Since Last Meeting

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Attachment 1  
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# 2021 Work Plan: Environmental and Water Resources Committee

Update: October 2021

ITEM	WORK PLAN ITEM BOARD POLICY	MEETING DATE	INTENDED OUTCOME(S) (Action or Information Only)	ACCOMPLISHMENT DATE AND OUTCOME
	<i>(Assigned to Board Policy and Planning Committee)</i>			
Board Strategy 2	Promote the protection of creeks, bay, and other aquatic ecosystems from threats of pollution and degradation (Homeless encampment strategies assigned to Homeless Encampment Committee)			
Board Strategy 3	Continue the Fisheries and Aquatic Habitat Collaborative Effort. <i>(Assigned FAHCE Committee)</i>			
<b>BUSINESS MANAGEMENT:</b>				
Board Strategy 1	Advance Diversity and Inclusion. <i>(Assigned to Diversity and Inclusion Ad Hoc Committee and the Full Board)</i>			
Board Strategy 2	Maintain Appropriate Staffing Levels and Expertise <i>(Assigned to Diversity and Inclusion Ad Hoc Committee and the Full Board)</i>			
Board Strategy 3	Provide Affordable and Cost-Effective Level of Services <i>(Assigned to Financial Sustainability Group)</i>			
<b>CLIMATE CHANGE:</b>				
Board Strategy 1	Address Future Impacts of Climate Change to Valley Water's Mission and Operations. <i>((Assigned to Board Policy and Planning Committee and the Full Board)</i>			
7	<b>Review and Comment to the Board on the Fiscal Year 2021 – 2022 Proposed Groundwater Production Charges.</b>	April 19	<ul style="list-style-type: none"> <li>Review and comment to the Board on the Fiscal Year 2022 Proposed Groundwater Production Charges. <b>(Action)</b></li> </ul>	<p><b>Accomplished April 19, 2021:</b> The Committee reviewed and commented to the Board on the Fiscal Year 2021–2022 Proposed Groundwater Production Charges and took the following action: The Committee approved supporting staff's recommendation on the increase of the Municipal &amp; industrial (M&amp;I) rates for all Zones (W-2=9.6%, W-5=4.6%, W-7=10.3% and W-8=4.4%).</p> <p><i>On May 11, 2021, the Board approved the Committee's recommendations.</i></p>
8	<b>Public Trails on Valley Water Lands: Policy Criteria and Guidance.</b>	April 19	<ul style="list-style-type: none"> <li>Discuss Public Trails on Valley Water Lands: Policy Criteria and Guidance <b>(Information)</b></li> </ul>	<p><b>Accomplished April 19, 2021:</b> The Committee discussed Public Trails on Valley Water Lands: Policy Criteria and Guidance and took the following action:</p>

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# 2021 Work Plan: Environmental and Water Resources Committee

Update: October 2021

ITEM	WORK PLAN ITEM BOARD POLICY	MEETING DATE	INTENDED OUTCOME(S) (Action or Information Only)	ACCOMPLISHMENT DATE AND OUTCOME
				<p>The Committee approved the Public Trails On Valley Water Lands:Policy Criteria And Guidance: and strengthening the language with a few suggested edits: page 100 (review word “contiguous”, “shall be/may be” change to “should be”, incorporate public comment, and adding public safety language.</p> <p><i>On May 11, 2021, the Board approved the Committee’s recommendations. Staff will return to the Board on July 13, 2021, with an update on the Guidance.</i></p>
9	Election of Vice Chair.	July 19	<ul style="list-style-type: none"> <li>Committee Elect Vice Chair for remaining of 2021 <b>(Action)</b></li> </ul>	<p><b>Accomplished July 19, 2021:</b> The Committee by roll call and majority vote elected Arthur M. Keller, Ph.D. as the Vice Chair.</p>
10	Review FY2022 Board Work Plan.	July 19	<ul style="list-style-type: none"> <li>Review FY2022 Board Work Plan</li> </ul>	<p><b>Accomplished July 19, 2021:</b> The Committee reviewed the FY2022 Board Work Plan and took no action.</p>
11	Climate Change Action Plan (CCAP).	July 19	<ul style="list-style-type: none"> <li>Review and provide comments on the Climate Change Action Plan as necessary for Board consideration. <b>(Action)</b></li> </ul>	<p><b>Accomplished July 19, 2021:</b> The Committee reviewed and provided comments on the Climate Change Action Plan as necessary for Board consideration and took no action., however, Dr. Arthur M. Keller reiterated the Future Impacts of Climate Change Working Group’s input from the Environmental and Water Resources Committee’s April 19, 2021, meeting.</p>
12	Standing Items Reports Fiscal Year 2022:	July 19	<ul style="list-style-type: none"> <li>Receive quarterly reports on standing items. <b>(Information)</b></li> </ul>	<p><b>Accomplished July 19, 2021:</b> The Committee received quarterly reports on standing items and took no action.</p>

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# 2021 Work Plan: Environmental and Water Resources Committee

Update: October 2021

GOAL	STRATEGY	FY22 FOCUS AREAS	MONITORING COMMITTEE
<p><b>INTEGRATED WATER RESOURCES MANAGEMENT</b></p>	<p><i>Strategy #1</i> Protect and maintain existing assets and infrastructure and advance new infrastructure projects.</p>	<ul style="list-style-type: none"> <li>• Be strategic in managing existing flood protection assets consistent with the Safe Clean Water Program.</li> <li>• Advance new infrastructure projects identified in the Asset Management Plan and Operations &amp; Maintenance Plan.</li> <li>• Increase engagement with cities on flood plain management, Community Rating System (CRS) program, and emergency action plans.</li> </ul>	<p>Board Policy and Planning Committee (BPPC)</p>
	<p><i>Strategy #2</i> Pursue opportunities to improve internal capacity to acquire regulatory permits.</p>	<ul style="list-style-type: none"> <li>• Continue to provide for agency-wide regulatory planning and permitting effort and pursue other efforts at the state and federal level to expedite permit review.</li> <li>• Continue to foster better relationships with regulatory agencies and open dialogue with environmental, environmental justice and other stakeholders.</li> <li>• Implement memorandum of understanding (MOU) with Regional Water Quality Control Board.</li> </ul>	<p>BPPC</p>
	<p><i>Strategy #3</i> Engage and educate the community, elected officials and staff on our management of water resources in Santa Clara County</p>	<ul style="list-style-type: none"> <li>• Continue to apply strategies for effective outreach, engagement, and education.</li> <li>• Continue to develop and refine metrics to understand and improve the return on investment (ROI) of outreach strategies.</li> <li>• Continue increasing efforts to educate the public about the mix of different types of water in Valley Water's portfolio, as well as our flood protection and environmental stewardship efforts.</li> <li>• Engage directly with local government jurisdictions through joint meetings.</li> </ul>	<p>Board of Directors</p>

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# 2021 Work Plan: Environmental and Water Resources Committee

Update: October 2021

GOAL	STRATEGY	FY22 FOCUS AREAS	MONITORING COMMITTEE
<b>WATER SUPPLY</b>	<b>Strategy #1</b> Actively Pursue New Water Supply and Storage Opportunities.	<ul style="list-style-type: none"> <li>Explore opportunities to develop new surface and groundwater storage projects that align with Valley Water's mission.</li> <li>Determine level of participation for projects and decisions about partnerships in accordance with the Water Supply Master Plan and water affordability.</li> <li>Make decisions on the Pacheco Reservoir Expansion Project following review of the project's Environmental Impact Report (EIR).</li> </ul>	Water Storage Exploratory Committee (WSEC)
	<b>Strategy #2</b> Actively Participate in decisions regarding the CA Delta Conveyance.	<ul style="list-style-type: none"> <li>As a voice for Northern California, continue to engage and negotiate, through serving on the Delta Conveyance Design and Construction Authority and Finance Authority and Stakeholder Engagement Committee in adherence to Board approved Guiding Principles, to protect Santa Clara County's interests.</li> </ul>	Board of Directors
	<b>Strategy #3</b> Lead Recycled and Purified Water Efforts with committed partners.	<ul style="list-style-type: none"> <li>Advance the Expedited Purified Water Program by releasing a Request for Proposal (RFP) for at least one Locally Sponsored Project.</li> <li>Implement the Countywide Water Reuse Master Plan.</li> <li>Continue to monitor Direct Potable Reuse (DPR) guidance and implement actions as needed.</li> <li>Finalize negotiations on term sheet for South County recycled water and agreement on governance.</li> </ul>	Recycled Water Committee (RWC)
	<b>Strategy #4</b> Advance Anderson Dam Seismic Retrofit Project.	<ul style="list-style-type: none"> <li>Continue construction on the Anderson Dam Tunnel Project (ADTP).</li> <li>Continue to work with appropriate regulatory agencies to advance the ADSRP.</li> <li>Release for review the Draft Environmental Report for the ADSRP.</li> <li>Continue to educate and engage the public, key stakeholders, decision makers, and elected officials of the project progress and construction timeline.</li> <li><a href="#">Coordinate long term ADSRP operations with the Fisheries and Aquatic Habitat Collaborative Effort (FAHCE).</a></li> </ul>	Capital Improvement Program (CIP) <a href="#">Stream Planning and Operations Committee (SPOC)</a>
	<b>Strategy #5</b> Promote Making Water Conservation a California Way of Life in Santa Clara County.	<ul style="list-style-type: none"> <li>Increase communication and education outreach to promote Valley Water's water conservation programs to customers.</li> <li>Increase collaboration with retailers to promote Valley Water's water conservation programs.</li> <li>Implement new water conservation programs and engagement strategies identified within the Water Conservation Strategic Plan.</li> <li>Engage and support private-sector stakeholders, local, state, and federal agencies that promote water conservation.</li> </ul>	Water Conservation and Demand Management Committee (WCaDMC)

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GOAL	STRATEGY	FY22 FOCUS AREAS	MONITORING COMMITTEE
NATURAL FLOOD PROTECTION	<b>Strategy #1</b> Plan, design and maintain flood protection projects with multiple benefits, including protecting ecosystem functions and enhancing habitat.	<ul style="list-style-type: none"> <li>Continue to advance Shoreline EIA 11 levee construction.</li> <li><i>Finalize the One Water Coyote Creek Watershed plan and make significant progress on the Guadalupe and Pajaro watershed plans.</i></li> <li>Use a holistic approach to maintaining streams for flow conveyance and habitat enhancement.</li> <li>Complete construction of Phase I of the Upper Llagas Flood Protection Project, a multi-benefit project providing flood protection while restoring habitat and benefiting the environmental ecosystem.</li> </ul>	CIP BPPC
	<b>Strategy #2</b> Provide flood protection equitably in all regions of the County, prioritizing disadvantaged communities.	<ul style="list-style-type: none"> <li><i>Advance One Water Countywide Framework in a comprehensive manner that includes diverse community-wide stakeholders and the incorporation of environmental justice policies in all planning efforts.</i></li> <li>Continue progress on flood protection capital projects consistent with Valley Water’s commitment to the Safe, Clean Water Program and equitably in all regions.</li> </ul>	CIP BPPC

GOAL	STRATEGY	FY22 FOCUS AREAS	MONITORING COMMITTEE
ENVIRONMENTAL STEWARDSHIP	<b>Strategy #1</b> Attain net positive impact on the environment when implementing flood protection and water supply projects.	<ul style="list-style-type: none"> <li>As part of the One Water Countywide Framework planning process, continue to develop an integrated water resource plan for each watershed, including appropriate metrics to monitor Valley Water’s impacts on and benefit to the environment.</li> <li>Ensure that stewardship efforts are integrated and not focused primarily on mitigation.</li> </ul>	BPPC
	<b>Strategy #2</b> Promote the protection of creeks, bay, and other aquatic ecosystems from threats of pollution and degradation.	<ul style="list-style-type: none"> <li>Continue efforts to protect the ecosystem and water quality of our water bodies and the integrity of our infrastructure. Such efforts include preventing stormwater pollution, increased implementation of green stormwater infrastructure, addressing mercury pollution, and <i>homeless encampment clean ups.</i></li> <li>Continue partnerships and investments on a regional scale such as the South Bay Salt Pond Restoration and Santa Clara Valley Urban Runoff Pollution Prevention Program (SCVURPPP).</li> </ul>	<i>Homeless Encampment Committee (HEC)</i> SPOC
	<b>Strategy #3</b> Continue the Fisheries and Aquatic Habitat Collaborative Effort (FAHCE).	<ul style="list-style-type: none"> <li>Continue implementation of feasibility studies, monitoring activities, and planning and construction of various fish passage improvements.</li> <li>Advance the Guadalupe River and Stevens Creek Environmental Impact Report (EIR) consistent with all stakeholder agreements.</li> <li>Develop a programmatic approach to implementing FAHCE settlement.</li> <li>Advance Adaptive Management Plan to encompass all three creeks.</li> </ul>	SPOC

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GOAL	STRATEGY	FY22 FOCUS AREAS	MONITORING COMMITTEE
BUSINESS MANAGEMENT	<b>Strategy #1</b> Advance racial equity, diversity, and inclusion.	<ul style="list-style-type: none"> <li>• Begin implementation of best practices to address internal and external disparities and build an organizational culture consistent with the Board's Resolution addressing racial equity, diversity, and inclusion.</li> <li>• Remain committed to environmental justice and the fair treatment and meaningful engagement of all people regardless of race, color, gender identity, disability status, national origin, tribe, culture, income, immigration status, or English language proficiency, with respect to the planning, projects, policies, services, and operations of Valley Water.</li> </ul>	Diversity and Inclusion Ad Hoc Committee (D&I)
	<b>Strategy #2</b> Maintain appropriate staffing levels and expertise and ensure the safety of our staff.	<ul style="list-style-type: none"> <li>• Develop and finalize a long-term staffing strategy that aligns with future capital and operational needs.</li> <li>• Develop classification career ladders to provide understanding of requirements for professional growth.</li> <li>• Advance the development of a skilled trades apprenticeship program.</li> <li>• Maximize the safety of staff working in creeks, homeless encampments and Valley Water facilities and continue to promote health &amp; safety guidance to protect staff from public health emergencies and environmental impacts.</li> </ul>	D&I
	<b>Strategy #3</b> Provide affordable and cost- effective level of services.	<ul style="list-style-type: none"> <li>• <i>Continue to establish benchmarking with other agencies, particularly water agencies, in order to understand areas for improvement.</i></li> <li>• Research and identify best practices from other agencies around water affordability, particularly with disadvantaged communities.</li> <li>• Establish Valley Water as a statewide leader in conversations around water affordability.</li> </ul>	Financial Sustainability Working Group (FSWG) Board Audit Committee (BAC)
GOAL	STRATEGY	FY22 FOCUS AREAS	MONITORING COMMITTEE
CLIMATE CHANGE	<b>Strategy #1</b> Address future impacts of climate change to Valley Water's mission and operations.	Begin implementation of Climate Change Action Plan.	BPPC

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# 2021 Work Plan: Environmental and Water Resources Committee

Update: October 2021

13	Drought and Purified Water Project Update.	October 18	<ul style="list-style-type: none"> <li>Receive information on the Drought and Valley Water's Purified Water Project. (Information)</li> </ul>	
14	Review, Discuss, and Approve Draft Environmental and Water Resources Committee's Working Groups Restructure.	October 18	<ul style="list-style-type: none"> <li>Review, Discuss, and Approve Draft Environmental and Water Resources Committee's Working Groups Restructure. (Action)</li> </ul>	
GOAL		STRATEGY	FY22 FOCUS AREAS	MONITORING COMMITTEE
INTEGRATED WATER RESOURCES MANAGEMENT				
WATER SUPPLY				
NATURAL FLOOD PROTECTION				
ENVIRONMENTAL STEWARDSHIP				
CLIMATE CHANGE				

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