

January 17, 2023

**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	Swanee Edwards	Loren Lewis	
District 2	Charles Ice	Elizabeth Sarmiento	
District 3	Hon. Bob Nuñez	Charles Taylor	
District 4	Bob Levy		
District 5	Hon. Patrick S. Kwok	Mike Michitaka	
District 6	Jim Piazza		

The regular meeting of the Environmental and Water Resources Committee is scheduled to be held on **Monday, January 23, 2023, at 6:00 p.m.** in the **Headquarters Building Boardroom located at the Santa Clara Valley Water District, 5700 Almaden Expressway, San Jose, California. Dinner will be served.**

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Members with two or more consecutive unexcused absences will be subject to rescinded membership.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, January 19, 2023, Noon,** 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 is now for the public only-committee members will need to be in-person unless other arrangements were made prior to posting:

<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**

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

## **REGULAR MEETING AGENDA**

**Monday, January 23, 2023  
6:00 PM**

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

Bob Levy, Chair  Director Tony Estremera Director Nai Hsueh	All public records relating to an 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 for public inspection at the Office of the Clerk of the Board at the Santa Clara Valley Water District Headquarters Building, 5700 Almaden Expressway, San Jose, CA 95118, 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 attend Board of Directors' meeting. Please advise the Clerk of the Board Office of any special needs by calling (408) 265-2600.	John Bourgeois Vincent Gin (Staff Liaisons)  Glenna Brambill (Committee Liaison) Management Analyst II gbrambill@valleywater.org 1-408-630-2408
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**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, January 23, 2023

6:00 PM

Headquarters Building Boardroom  
5700 Almaden Expressway  
San Jose CA 95118

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**\*\*\*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 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.

- 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/94403145442>**

Meeting ID: 944 0314 5442

Join by Phone:

1 (669) 900-9128, 94403145442#

**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.

[23-0074](#)

Recommendation: Approve the October 17, 2022, Meeting Minutes.

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

Attachments: [Attachment 1: 10172022 EWRC Draft Mins](#)

Est. Staff Time: 5 Minutes

### 4. REGULAR AGENDA:

#### 4.1. Election of Chair and Vice-Chair.

[23-0075](#)

Recommendation: Elect 2023 Chair and Vice-Chair

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

Est. Staff Time: 5 Minutes

#### 4.2. Review and Approve 2022 Annual Accomplishments Report for Presentation to the Board (Committee Chair).

[23-0076](#)

Recommendation: A. Approve the 2022 Accomplishments Report for presentation to the Board; and  
B. Provide comments to the Committee Chair to share with the Board as part of the Accomplishments Report presentation pertaining to the purpose, structure, and function of the Committee.

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

Attachments: [Attachment 1: 2022 EWRC Accomplishments Report](#)

Est. Staff Time: 5 Minutes

#### 4.3. Review and Receive Updates on the Environmental and Water Resources Committee's Working Groups.

[23-0077](#)

Recommendation: A. Review and receive updates on the Environmental and Water Resources Committee's Working Groups, 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: Working Groups January 2023](#)

Est. Staff Time: 10 Minutes

- 4.4. Review Environmental and Water Resources Committee Work Plan, the Outcomes of Board Action of Committee Requests; and the Committee's Next Meeting Agenda. [23-0078](#)

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

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

Attachments: [Attachment 1: 2023 EWRC Work Plan](#)

Est. Staff Time: 5 Minutes

## 5. INFORMATION ITEMS:

- 5.1. Standing Items Report. [23-0079](#)

Recommendation: Standing Items Report, this item allows the Environmental and Water Resources Committee to receive verbal or written updates and discuss the Board's Fiscal Year 2023 Work Plan Strategies. These items are generally informational; however, the Committee may request additional information and/or provide collective input to the assigned Board Committee.

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

Attachments: [Attachment 1: Standing Items Report](#)

Est. Staff Time: 5 Minutes

## 6. 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.*

## 7. REPORTS:

- 7.1. Director's Report
- 7.2. Manager's Report
- 7.3. Committee Report

7.4. 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)
- Environmental Creek Cleanup Committee (ECCC) (formerly Homeless Encampment Committee)
- Water Storage Exploratory Committee (WSEC)

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

- Water Conservation and Demand Management Committee (WCaDMC)

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

- Water Tracker

8. **ADJOURN:**

8.1. Adjourn to Regular Meeting at 6:00 p.m., on Monday, April 17, 2023.





# Santa Clara Valley Water District

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**File No.:** 23-0074

**Agenda Date:** 1/23/2023

**Item No.:** 3.1.

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## **COMMITTEE AGENDA MEMORANDUM** **Environmental and Water Resources Committee**

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

### **SUBJECT:**

Approval of Minutes.

### **RECOMMENDATION:**

Approve the October 17, 2022, 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: 10172022, EWRC Draft Meeting Mins.

### **UNCLASSIFIED MANAGER:**

Candice Kwok-Smith, 408-630-3193





ENVIRONMENTAL AND WATER RESOURCES COMMITTEE

# DRAFT MINUTES

MONDAY, OCTOBER 17, 2022

(Paragraph numbers coincide with agenda item numbers)

A regular scheduled meeting of the Environmental and Water Resources Committee (Committee) Meeting was held on October 17, 2022, at Santa Clara Valley Water District, Headquarters Building, 5700 Almaden Expressway, San Jose, California.

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

Committee Chair Mr. Bob Levy called the meeting to order at 6:06 p.m. A quorum was established with 9 Members present.

Members in attendance were:

<u>Jurisdiction</u>	<u>Representative</u>	<u>Representative</u>	<u>Representative</u>
District 1	Swanee Edwards	Loren Lewis	Mary Lou Mazzone
District 2	Charles Ice	Elizabeth Sarmiento	
District 4	Bob Levy		
District 5	Mike Michitaka		
District 7	Tess Byler	Arthur M. Keller, Ph.D.	

Members not in attendance were:

<u>Jurisdiction</u>	<u>Representative</u>	<u>Representative</u>	<u>Representative</u>
District 3	Hon. Bob Nuñez	Charles Taylor	
District 5	Hon Tara Martin-Milius		
District 6	Hon. Patrick S. Kwok	Jim Piazza	
District 7	Hon. Stephen A. Jordan		

\*Committee Member arrived as indicated below.

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

Staff members in attendance were: Lisa Bankosh, Rechelle Blank, John Bourgeois, Glenna Brambill, Justin Burks, Vincent Gin, Samantha Greene, Michael Martin, Brian Mendenhall, Mark Seelos, Sarah Young and Jing Wu.

Public in attendance were: Hon. Jim Beall, Ryan Castillo, Hon. Stephen A. Jordan, and Hon. Tara Martin-Milius.

Attachment 1  
Page 1 of 4

**2. PUBLIC COMMENT**

Hon. Tara Martin-Milius asked about the map of the piping for tertiary water going into the Water Purification Plant and staff will provide information off-line.

**3. APPROVAL OF MINUTES**

**3.1 APPROVAL OF MINUTES**

It was moved by Tess Byler, seconded by Mike Michitaka, and majority vote carried, to approve the August 22, 2022, Environmental and Water Resources Committee special meeting minutes as presented. Two abstentions by Swanee Edwards and Mary Lou Mazzone.

**4. REGULAR AGENDA ITEMS**

**4.1 DROUGHT RESPONSE PLAN-DRAFT VULNERABILITY ASSESSMENT**

Michael Martin reviewed the materials as outlined in the agenda item.

The Environmental and Water Resources Committee discussed the following: Water Supply Master Plan, drought percentages, water conservation summary, semitropic water, south county-rural-and agricultural water, potable water use, groundwater banking diversification, different sources of water researched, level of responsibility distributed, water quality in south county, implementation of SGMA, climate change, earthquake events, recycled water, PFOS, microfiltration and reverse osmosis, groundwater recharge/contamination, and conversion of lawns/landscaping.

Samantha Greene, Vincent Gin, and Director Nai Hsueh were available to answer questions.

The Environmental and Water Resources Committee took no action.

**4.2 EXPANSION OF THE WATER RESOURCES PROTECTION MANUAL (RIGHT OF WAY USE POLICY PROJECT)**

Mark Seelos reviewed the materials as outlined in the agenda item.

The Environmental and Water Resources Committee discussed the following: permitting, flood control projects, regulatory gaps, number of violators fined, and illegally built bridges.

Public Comment:

Hon. Jim Beall had questions on, How many violators are fined every year? Which cities are lapsed in setbacks enforcement and conditions?

Lisa Bankosh was available to answer questions.

The Environmental and Water Resources Committee took no action.

#### **4.3 REVIEW AND RECEIVE UPDATES ON THE ENVIRONMENTAL AND WATER RESOURCES COMMITTEE'S WORKING GROUPS.**

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

The Environmental and Water Resources Committee received the following working groups reports:

- 1.Environmental Stewardship working group met and discussed the Baykeeper's lawsuit.
- 2.The Environmental and Water Resources Committee discussed receiving the study on Environmental Injustice Among Hispanics in SCC CA-a human-environment heat vulnerability assessment in Santa Clara County be shared with the Integrated Water Resources Management (IWRM) and Climate Change working groups, and the full committee so everyone can review and be ready for discussion at a later meeting.

John Bourgeois, Brian Mendenhall, and Director Linda J. LeZotte were available to answer questions.

The Environmental and Water Resources Committee took no action.

#### **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 Bob Levy and Glenna Brambill reviewed the materials as outlined in the agenda item.

The Environmental and Water Resources Committee took no action.

The next regularly scheduled meeting is Monday, January 23, 2023.

### **5. INFORMATION ITEM**

#### **5.1 REVIEW FISCAL YEAR 2022-2023 BOARD WORK PLAN**

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**

Glenna Brambill reported there were no action items for Board consideration.

### **7. REPORTS**

#### **7.1 DIRECTOR'S REPORT**

Director Linda J. LeZotte reported on:

- Her last meeting as she is retiring after a long record of public service
- Thanked members for volunteering to serve on this committee and the hard work from Valley Water staff
- Hon. Jim Beall will be the new Director for District 4

Director Nai Hsueh noted Director LeZotte will be missed.

## **7.2. MANAGER'S REPORT**

John Bourgeois reported on:

- Baykeeper did file a lawsuit

Vincent Gin reported on:

- Federal and State reporting that groundwater levels are healthy
- Santa Clara County met the August-to-August water conservation targeted goal

## **7.3 COMMITTEE MEMBER REPORTS**

Arthur M. Keller, Ph.D., thanked staff for the Board Work Plan Report

Glenna Brambill reported on several committee members that will be terming out on December 31, 2022.

## **7.4 INFORMATIONAL LINK REPORTS**

Links are contained in the agenda.

## **8. ADJOURNMENT**

### **8.1 ADJOURN**

Committee Chair Bob Levy adjourned at 8:05 p.m. to the next regular meeting on Monday, January 23, 2023, at 6:00 p.m.

Submitted by:

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

Approved:



# Santa Clara Valley Water District

**File No.:** 23-0075

**Agenda Date:** 1/23/2023

**Item No.:** 4.1.

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## **COMMITTEE AGENDA MEMORANDUM** **Environmental and Water Resources Committee**

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

### **SUBJECT:**

Election of Chair and Vice-Chair.

### **RECOMMENDATION:**

Elect 2023 Chair and Vice-Chair

### **SUMMARY:**

Per the Board Resolution, the duties of the Chair and Vice-Chair are as follows:

The officers of each Committee shall be a Chair and Vice-Chair, both of whom shall be members of that Committee. The Chair and Vice-Chair shall be elected by the Committee, each for a term of one year commencing on January 1 and ending on December 31 and for no more than two consecutive terms. The Committee shall elect its officers at the first meeting of the calendar year. All officers shall hold over in their respective offices after their term of office has expired until their successors have been elected and have assumed office.

The Chair shall preside at all meetings of the Committee, and he or she shall perform other such duties as the Committee may prescribe consistent with the purpose of the Committee.

The Vice-Chair shall perform the duties of the Chair in the absence or incapacity of the Chair. In case of the unexpected vacancy of the Chair, the Vice-Chair shall perform such duties as are imposed upon the Chair until such time as a new Chair is elected by the Committee.

Should the office of Chair or Vice-Chair become vacant during the term of such office, the Committee shall elect a successor from its membership at the earliest meeting at which such election would be practicable, and such election shall be for the unexpired term of such office.

Should the Chair and Vice-Chair know in advance that they will both be absent from a meeting, the Chair may appoint a Chair Pro-tempore to preside over that meeting. In the event of an unanticipated absence of both the Chair and Vice-Chair, the Committee may elect a Chair Pro-tempore to preside over the meeting in their absence.

### **BACKGROUND:**

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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.

The Board may also establish Ad-hoc Committees to serve in a capacity as defined by the Board and will be used sparingly.

**ATTACHMENTS:**

None

**UNCLASSIFIED MANAGER:**

Candice Kwok-Smith, 408-630-3193





# Santa Clara Valley Water District

**File No.:** 23-0076

**Agenda Date:** 1/23/2023

**Item No.:** 4.2.

## **COMMITTEE AGENDA MEMORANDUM Environmental and Water Resources Committee**

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

### **SUBJECT:**

Review and Approve 2022 Annual Accomplishments Report for Presentation to the Board  
(Committee Chair).

### **RECOMMENDATION:**

- A. Approve the 2022 Accomplishments Report for presentation to the Board; and
- B. Provide comments to the Committee Chair to share with the Board as part of the Accomplishments Report presentation pertaining to the purpose, structure, and function of the Committee.

### **SUMMARY:**

The Accomplishments Report summarizes the committee's discussions and actions to prepare Board policy alternatives and implications for Board deliberation throughout 2022. The Committee Chair, or designee, presents the Accomplishments Report to the Board at a future Board meeting.

The Committee may provide feedback to the Committee Chair, at this time, to share with Board as part of the Accomplishments Report presentation pertaining to the purpose, structure, and function of the Committee.

### **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: EWRC 2022 Accomplishments Report

**UNCLASSIFIED MANAGER:**

Candice Kwok-Smith, 408-630-3193

## 2022 Accomplishments Report : Environmental and Water Resources Committee

Update: January 2023

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	ACCOMPLISHMENT DATE AND OUTCOME
1	Election of Chair and Vice Chair for 2022.	January 24	<b>Accomplished January 24, 2022:</b> The Committee unanimously approved Mr. Bob Levy as the 2022 Environmental and Water Resources Committee Chair and Dr. Arthur M. Keller as the 2022 Environmental and Water Resources Committee Chair.
2	Annual Accomplishments Report.	January 24	<b>Accomplished January 24, 2022:</b> The Committee unanimously approved the 2021 Annual Accomplishments Report. <i>The Board received the Committee's presentation at its March 8, 2022, meeting.</i>
3	Drought Update.	January 24	<b>Accomplished January 24, 2022:</b> The Committee received an update on the Drought Response and took no action.
4	Status of Working Groups.	January 24 April 18 August 22 October 17	<b>Accomplished January 24, 2022:</b> The Committee received updates on Working Groups: Water Supply, Natural Flood Protection, Environmental Stewardship and Climate Change and took no action.  <b>Accomplished April 18, 2022</b> The Committee received updates on Working Groups: Environmental Stewardship, Climate Change, and Integrated Water Resources Management and took no action.

Yellow = Update Since Last Meeting

Blue = Action taken by the Board of Directors

Attachment 1  
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## 2022 Accomplishments Report : Environmental and Water Resources Committee

Update: January 2023

ITEM	WORK PLAN ITEM BOARD POLICY	MEETING DATE	ACCOMPLISHMENT DATE AND OUTCOME	
5	Review of Environmental and Water Resources Committee Work Plan, the Outcomes of Board Action of Committee Requests and the Committee’s Next Meeting Agenda.	January 24 April 18 August 22 October 17	<u>Accomplished January 24, 2022:</u> <u>Accomplished April 18, 2022:</u> <u>Accomplished August 22, 2022:</u> <u>Accomplished October 17, 2022:</u> The Committee received updates and reviewed the 2022 Board-approved Committee work plan and took no action.	
6	Standing Items Reports Fiscal Year 2022:	January 24 August 22	<u>Accomplished January 24, 2022:</u> <u>Accomplished August 22, 2022:</u> The Committee received updates and took no action.	
GOAL	STRATEGY	FY22 FOCUS AREAS		MONITORING COMMITTEE
INTEGRATED WATER RESOURCES MANAGEMENT	<i>Strategy #1</i> Protect and maintain existing assets and infrastructure and advance new infrastructure projects.	<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>		Board Policy and Planning Committee (BPPC)
	<i>Strategy #2</i> Pursue opportunities to improve internal capacity to acquire regulatory permits.	<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>		BPPC
	<i>Strategy #3</i> Engage and educate the community, elected officials and staff on our management of water resources in Santa Clara County	<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>		Board of Directors

Yellow = Update Since Last Meeting

Blue = Action taken by the Board of Directors

Attachment 1  
Page 2 of 10

# 2022 Accomplishments Report : Environmental and Water Resources Committee

Update: January 2023

ITEM	WORK PLAN ITEM BOARD POLICY	MEETING DATE	ACCOMPLISHMENT DATE AND OUTCOME
GOAL	STRATEGY	FY22 FOCUS AREAS	MONITORING COMMITTEE
WATER SUPPLY	<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>Coordinate long term ADSRP operations with the Fisheries and Aquatic Habitat Collaborative Effort (FAHCE).</li> </ul>	Capital Improvement Program (CIP) Stream Planning and Operations Committee (SPOC)
	<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)
GOAL	STRATEGY	FY22 FOCUS AREAS	MONITORING COMMITTEE
	<b>Strategy #1</b>	<ul style="list-style-type: none"> <li>Continue to advance Shoreline EIA 11 levee construction.</li> </ul>	CIP

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## 2022 Accomplishments Report : Environmental and Water Resources Committee

Update: January 2023

NATURAL FLOOD PROTECTION	Plan, design and maintain flood protection projects with multiple benefits, including protecting ecosystem functions and enhancing habitat.	<ul style="list-style-type: none"> <li>Finalize the One Water Coyote Creek Watershed plan and make significant progress on the Guadalupe and Pajaro watershed plans.</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>	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>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.</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 <a href="#">homeless encampment clean ups</a>.</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>	<a href="#">Homeless Encampment Committee (HEC)</a> 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. Develop a programmatic approach to implementing FAHCE settlement.</li> <li>Advance Adaptive Management Plan to encompass all three creeks.</li> </ul>	SPOC

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</li> </ul>	Diversity and Inclusion Ad Hoc Committee (D&I)

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## 2022 Accomplishments Report : Environmental and Water Resources Committee

Update: January 2023

		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.	
	<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>• <b>Continue to establish benchmarking with other agencies, particularly water agencies, in order to understand areas for improvement.</b></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)
<b>GOAL</b>	<b>STRATEGY</b>	<b>FY22 FOCUS AREAS</b>	<b>MONITORING COMMITTEE</b>
<b>CLIMATE CHANGE</b>	<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

  

7	Received Updates on Fish and Aquatic Habitat Collaborative Effort (FAHCE)	April 18	<b>Accomplished April 18, 2022:</b> The Committee received updates on Fish and Aquatic Habitat Collaborative Effort (FAHCE) and took no action.
8	Drought Response Plan Update – Benchmark Study	April 18	<b>Accomplished April 18, 2022:</b> The Committee received update on the Drought Response Plan Update – Benchmark Study and took no action.
9	One Water Plan – General Update and Upper Pajaro River Watershed Planning	April 18	<b>Accomplished April 18, 2022:</b> The Committee received a presentation on the One Water Plan - General Update and Upper Pajaro River Watershed Planning and took no action, however, they did add input to the different categories using the mural tool.
10	Climate Change Action Plan - Implementation Update and Adaptation Metrics	August 22	<b>Accomplished August 22, 2022:</b> The Committee received a presentation Receive a presentation on the Climate Change Action Plan - Implementation Update and Adaptation Metrics and took no action.

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## 2022 Accomplishments Report : Environmental and Water Resources Committee

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11	South San Francisco Bay Shoreline Phase II Feasibility Study Update	August 22	<b>Accomplished August 22, 2022:</b> The Committee received a presentation Receive a presentation on the South San Francisco Bay Shoreline Phase II Feasibility Study Update and took no action.
12	Drought Response Plan - Vulnerability Assessment	October 17	<b>Accomplished October 17, 2022:</b> The Committee received a presentation on the Drought Response Plan - Vulnerability Assessment and took no action.
13	Expansion of the Water Resources Protection Manual (Right of Way Use Policy Project)	October 17	<b>Accomplished October 17, 2022:</b> The Committee received a presentation of the Expansion of the Water Resources Protection Manual (Right of Way Use Policy Project) and took no action.
14	Review FY2023 Board Work Plan	October 17	<b>Accomplished October 17, 2022:</b> The Committee reviewed the FY2023 Board Work Plan and took no action.

GOAL	OBJECTIVE	FY23 TACTICS	MONITORING COMMITTEE
<b>INTEGRATED WATER RESOURCES MANAGEMENT</b> <i>"Efficiently manage water resources across business areas."</i>	<u>Objective #1 Challenge/Opportunity</u> <i>The maintenance of Valley Water's infrastructure is crucial to ensuring we continue to provide safe, clean water and critical flood protection for our communities. Timely maintenance is the most cost-effective investment, whereas deferred maintenance disproportionately increases costs and causes unplanned outages and failures risking the population of the county. In addition, aging assets are reaching the end of the design life and will require major recapitalization.</i>	<ul style="list-style-type: none"> <li>Develop a Fuel Management Policy to guide the incorporation of wildfire planning efforts in an integrated and programmatic way.</li> <li>Continue a robust preventive maintenance program including monitoring asset condition and risk.</li> <li>Strategically plan for larger infrastructure renewal projects through Safe Clean Water Project F8 – Sustainable Creek Infrastructure for Continued Public Safety; Water Treatment Plant, Distribution System, and SCADA Implementation Plans; Watersheds and Water Utility Operations and Maintenance Plans; and various Asset Management Plans.</li> <li>Advance infrastructure renewal projects identified in strategic planning efforts by initiating new Capital or Small Capital Projects, or by conducting work as part of ongoing operations projects.</li> <li>Develop comprehensive infrastructure master plans for all water utility treatment plant and distribution infrastructure (e.g. pipelines and pump stations) to plan out 30-year capital investments that meet future regulatory requirements, and fold in projects identified in the Asset Management and Operations &amp; Maintenance Plans.</li> <li>Expedient execution of the adopted Capital program and projects.</li> </ul>	Board Policy and Planning Committee (BPPC) CIP Committee (CIPC)
	<u>Objective #2 Challenge/Opportunity</u> <i>Valley Water continues to pursue legislative and administrative solutions to resolve regulatory and permitting issues at the federal and state levels. The Board's efforts will continue to focus on improving internal capacity</i>	<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> </ul>	BPPC

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# 2022 Accomplishments Report : Environmental and Water Resources Committee

Update: January 2023

	when applying for permits, as well as continuing to build relationships with regulatory agencies and staying abreast of the regulatory environment.	<ul style="list-style-type: none"> <li>•Continue to foster better relationships with regulatory agencies and open dialogue with environmental, environmental justice and other stakeholders.</li> <li>•Continue to work with the Regional Water Quality Control Board (RWQCB) under the terms of our memorandum of understanding (MOU) to expedite issue resolution and prevent regulatory overreach.</li> <li>•Collaborate with RWQCB on the Steelhead Regional Temperature Study.</li> </ul>	
<b>WATER SUPPLY</b> “Provide a reliable, safe, and affordable water supply for current and future generations in all communities served.”	<p><u>Objective #1 Challenge/Opportunity</u> Half of Santa Clara County’s water supply is imported from outside the county. At this time, when there is a lot of water, Valley Water may not be able to take advantage of these supplies due to limitations in existing storage and transmission infrastructure as well as regulatory constraints. Having a diverse portfolio of storage options helps Valley Water be resilient. Therefore, Valley Water is evaluating whether diversifying its storage portfolio could help maximize our use of storage and stored water recovery under future conditions. Water storage in reservoirs also provides environmental, recreational, and incidental flood risk reduction benefits. Challenges include determining the appropriate level of participation for Valley Water in collaborative water storage projects and prioritizing projects within funding constraints.</p>	<ul style="list-style-type: none"> <li>•Explore opportunities to develop new surface and groundwater storage projects that help Valley Water meet future water supply needs and be resilient to climate change.</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>•Explore partnership opportunities for the Pacheco Reservoir Expansion Project</li> <li>•Validate Valley Water’s continued participation in the Pacheco Reservoir Expansion Project during the MAP review process, bi-annual budget development, and following review and certification of the project’s Environmental Impact Report (EIR).</li> </ul>	Water Storage Exploratory Committee (WSEC)
	<p><u>Objective #2 Challenge/Opportunity</u> The Water Supply Master Plan’s “Ensure Sustainability” strategy includes securing existing water supplies and infrastructure. Valley Water’s local and imported water supplies are vulnerable to climate change impacts, droughts, earthquake, and regulatory requirements that may restrict the amount of available water.</p>	<ul style="list-style-type: none"> <li>•Participate in and influence decisions regarding the Delta Conveyance Project.</li> <li>•Participate in regional water supply resilience efforts.</li> <li>•Build and maintain effective partnerships to increase resiliency.</li> <li>•Complete and implement infrastructure master plans and asset management plans.</li> <li>•Partner with the California Department of Water Resources (DWR) to ensure reliability of the South Bay Aqueduct.</li> </ul>	Water Conservation and Demand Management Committee (WCaDMC) (Groundwater) CIPC (infrastructure projects)
	<p><u>Objective #3 Challenge/Opportunity</u> Recycled and purified water is a drought resilient, locally controlled water supply important to long-term sustainability. The Water Supply Master Plan includes developing up to 24,000 acre-feet per year of purified water by 2040. Purified water is recycled water that has been treated further using reverse osmosis and other advanced treatment to make it fit for drinking. Valley Water is pursuing indirect potable reuse which would use this purified water to replenish our groundwater. Implementation challenges include securing wastewater</p>	<ul style="list-style-type: none"> <li>•Implement the first phase of the Purified Water Program, including release of a Request For Proposal (RFP) and enter into a contract for an Indirect Potable Reuse project that is implemented via a Public Private Partnership.</li> <li>•Implement the Countywide Water Reuse Master Plan.</li> <li>•Develop a Comprehensive Water Reuse Agreement for South County to advance water reuse and its production, distribution, and wholesaling in South County.</li> <li>•Continue to actively be involved with the Direct Potable Reuse (DPR) guidance and ensure Valley Water is positioned to implement a DPR</li> </ul>	Recycled Water Committee (RWC)

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## 2022 Accomplishments Report : Environmental and Water Resources Committee

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	supply contractual agreements with wastewater agencies, available land, stringent regulatory requirements, and implementation costs.	project in the future. • Continue collaboration on the Silicon Valley Advanced Water Purification Center including building a strong collaborative relationship with the San José-Santa Clara Regional Wastewater Facility to expand the facility.	
	<u>Objective #4 Challenge/Opportunity</u> <i>As our largest reservoir, Anderson serves not only as a critical water supply facility, but also supports Valley Water's mission of flood protection and environmental stewardship. Given the reservoir's critical importance to ensuring safe, clean water for our communities and to protect public safety, it is imperative that the Anderson Dam Seismic Retrofit Project (ADSRP) move forward expeditiously. This includes the reconstruction of the Dam and completion of the interim risk reduction measures resulting from the February 20, 2020, directive from the Federal Energy Regulatory Commission (FERC).</i>	• Maintain the Anderson Reservoir level at the FERC directed level. • Complete the construction on the Anderson Dam Tunnel Project (ADTP). • Complete the design of the ADSRP. • Continue to work with appropriate regulatory agencies to advance the ADSRP. • Release the Draft Environmental Impact Report for the ADSRP. • Obtain all necessary permits for ADSRP construction. • Continue to educate and engage the public, key stakeholders, decision makers, and elected officials of the project progress and construction timeline. • Coordinate long term ADSRP operations with the Fisheries and Aquatic Habitat Collaborative Effort (FAHCE).	CIPC Stream Planning and Operations Committee (SPOC)
	<u>Objective #5 Challenge/Opportunity</u> <i>Droughts are a recurring feature of California's climate and may intensify with climate change. Water conservation is an essential component in providing a reliable water supply and Valley Water has set a water conservation goal for annual water savings of 99,000 acre-feet (AF) by 2030 and 109,000 AF by 2040. As Valley Water faces challenges from climate change and drought, water conservation will continue to be amongst the most cost-effective tools for efficiently meeting current and future demands while mitigating droughts.</i>	• Continue communication and educational outreach to promote Valley Water's water conservation programs. • Increase collaboration with our retailer partners to promote Valley Water's water conservation programs. • Implement new water conservation programs and engagement strategies identified within the Water Conservation Strategic Plan. • Engage and support private-sector stakeholders, local, state, and federal agencies that promote water conservation. • Develop and implement a Drought Response Plan with support and input from our retailer partners and the broader community to guide short-term behavioral changes during water shortages.	WCaDMC
<b>NATURAL FLOOD PROTECTION</b> "Provide Natural Flood Protection to reduce risk and improve health and safety."	<u>Objective #1 Challenge/Opportunity</u> <i>Valley Water is challenged to sustain ecosystem health while managing local water resources for flood protection and water supply. By using an integrated approach to planning and designing flood protection planning, there is an opportunity to create projects with multiple benefits.</i>	• Make significant progress on One Water plans for the Guadalupe and Pajaro watersheds. • Complete construction of Reaches 1-3 of the Shoreline Phase I Project and pursue funding alternatives for Reaches 4-5 to provide 100-year coastal flood risk management, ecosystem restoration, recreational opportunities, and resiliency for sea level rise. • Complete construction of Phase 2A of the Upper Llagas Flood Protection Project to provide flood protection and habitat enhancement. • Advance the Palo Alto Flood Basin Project into construction, a repair project to ensure a functional flood basin with wetland habitat. • Advance the Sunnyvale East/West Channels Project into construction to provide 100-year storm water flood protection. • Complete the U.S. Army Corps of Engineers Upper Guadalupe River Project General Reevaluation Study to provide 100-year flood	CIPC BPPC

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# 2022 Accomplishments Report : Environmental and Water Resources Committee

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		<p>protection.</p> <ul style="list-style-type: none"> <li>• Advance the San Francisquito Creek upstream 101 Project into construction to provide flood protection.</li> <li>• Advance the Coyote Creek Flood Mitigation and Flood Protection Projects into construction to provide flood protection for an event equivalent to the 2017 storm event.</li> </ul>	
	<p><u>Objective #2 Challenge/Opportunity</u> As Valley Water continues to advance flood protection projects, the Board has an opportunity to strengthen relationships and improve coordination with conservation and environmental justice groups, as well as other local jurisdictions, with a specific focus on ensuring the voices of disadvantaged communities are equitably represented.</p>	<ul style="list-style-type: none"> <li>• 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.</li> <li>• Continue progress on flood protection capital projects consistent with Valley Water's commitment to the Safe, Clean Water Program and equitability in all regions.</li> <li>• Plan flood risk reduction projects to provide a minimum level of protection countywide.</li> </ul>	CIPC BPPC
<p><b>ENVIRONMENTAL STEWARDSHIP</b> "Sustain ecosystem health while managing local water resources for flood protection and water supply."</p>	<p><u>Objective #1 Challenge/Opportunity</u> Valley Water's projects and programs require integrated planning to ensure capital improvements, operations, and maintenance activities are balanced with environmental stewardship goals. Valley Water strives to protect and restore habitats to support native species throughout Santa Clara County.</p>	<ul style="list-style-type: none"> <li>• 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>• Implement high priority actions included in the Climate Change Action Plan.</li> <li>• Make significant progress on the grant-funded planning study for the San Tomas Aquino Calabazas Creek Realignment Project.</li> <li>• Advance construction for the Bolsa Creek and Hale Creek projects to begin in Summer 2022.</li> <li>• Advance Almaden Lake Improvement Project to begin construction in 2023.</li> <li>• Continue to develop and build on partnerships with environmental organizations and tribal communities when developing projects.</li> </ul>	BPPC
	<p><u>Objective #2 Challenge/Opportunity</u> Valley Water continues to coordinate with local cities and agencies to improve the health of our local waterways, including pollution prevention and addressing threats to water quality. Opportunities exist to further collaborate with the County, cities, and social services agencies on encampment abatement efforts and to develop long-term solutions for the homeless to keep our creeks clean.</p>	<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 homeless encampment clean ups.</li> <li>• Coordinate with the County, cities, and other service providers to try to ensure the permanent removal of homeless encampments from creeks and trails.</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>	Environmental Creek Cleanup Committee (ECCC) (SPOC)
	<p><u>Objective #3 Challenge/Opportunity</u> For nearly 20 years, Valley Water has been working to resolve a water rights complaint surrounding fish, wildlife, water quality, and other beneficial uses in Coyote Creek, Guadalupe River, and Stevens Creek watershed areas. Challenges include completing the environmental review process, obtaining federal and state</p>	<ul style="list-style-type: none"> <li>• Finalize the June 2021 Guadalupe River and Stevens Creek Environmental Impact Report (EIR) consistent with existing stakeholder agreement.</li> <li>• Advance 10 water right change petitions for securing water right orders.</li> <li>• Continue to implement the pilot flow program in Guadalupe and Stevens Creek.</li> </ul>	SPOC

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## 2022 Accomplishments Report : Environmental and Water Resources Committee

Update: January 2023

	<i>permits from multiple regulatory agencies, refining and processing water rights change petitions, the technical complexity of the fisheries impacts analysis, coordination with other ongoing related projects and managing stakeholder expectations.</i>	<ul style="list-style-type: none"> <li>• Continue to implement feasibility studies, monitoring activities, and Planning and construction of various fish passage improvements as identified in existing stakeholder agreement.</li> <li>• Continue fisheries monitoring program.</li> <li>• Continue to support an adaptive management program that encompasses all three creeks.</li> </ul>	
<b>CLIMATE CHANGE</b> "Mitigate Carbon Emissions and Adapt Valley Water Operations to Climate Change Impacts."	<u>Objective #1 Challenge/Opportunity</u> Valley Water's ability to fulfill its mission will be challenged in the future by warmer temperatures, changing precipitation patterns, reduced snowpack, and rising sea levels. Valley Water has been working on greenhouse reduction efforts since 2008 and many adaptation actions over the past decade; however, with adoption of the Climate Change Action Plan there is an opportunity for greater impact.	<ul style="list-style-type: none"> <li>• Update carbon accounting and establish new emissions reduction goal if needed.</li> <li>• Make significant progress on development of an agency-wide greenhouse gas reduction plan.</li> </ul>	Climate Adaptation and Sustainability Committee (CAASC)
<b>BUSINESS MANAGEMENT</b> "Promote effective management of water supply, flood protection, and environmental stewardship through responsive and socially responsible business services."	<u>Objective #1 Challenge/Opportunity</u> Valley Water is committed to creating and maintaining a diverse, inclusive, and equitable work environment that is devoid of discrimination and harassment and provides equal opportunity employment and advancement. Valley Water aims to implement the same values in the community through its flood protection, water supply, and environmental stewardship projects, and has an opportunity to serve as a leader for racial equity, diversity, and inclusion throughout the state.	<ul style="list-style-type: none"> <li>• Develop and implement a Diversity, Equity and Inclusion Master Plan that institutes best practices to address internal and external disparities and builds an organizational culture that is 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, national origin, religion, gender identity, disability status, tribe, culture, income, immigration status, or English language proficiency, with respect to the planning, projects, policies, services, and operations of Valley Water.</li> <li>• Continue to collaborate with external stakeholders that are engaged in developing diversity, equity, and inclusion initiatives and actively participate in and provide leadership for diversity, equity, and inclusion efforts throughout the state.</li> <li>• Advance and foster mutually beneficial partnerships with regional tribal communities.</li> </ul>	Diversity & Inclusion Ad Hoc Committee (DIAHC)

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# Santa Clara Valley Water District

**File No.:** 23-0077

**Agenda Date:** 1/23/2023

**Item No.:** 4.3.

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## **COMMITTEE AGENDA MEMORANDUM** **Environmental and Water Resources Committee**

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

### **SUBJECT:**

Review and Receive Updates on the Environmental and Water Resources Committee's Working Groups.

### **RECOMMENDATION:**

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

### **SUMMARY:**

At the Committee's October 2021, meeting, the Committee approved the working groups' structure to align with the issues and policies that the Board of Directors has on their work plan and calendar for the fiscal year.

The Board will continue 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

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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: FY2022 EWRC Working Groups Spreadsheet

**UNCLASSIFIED MANAGER:**

Candice Kwok-Smith, 408-630-3193

# FY 2023 EWRC Working Groups

**PLEASE SIGN UP TODAY!**

Working Group Number/Title		Member Name	Lead	Total Members
EWRC Oversight Manager: John Bourgeois, jbourgeois@valleywater.org, 1-408-630-2990				
1	<b>INTEGRATED WATER RESOURCES MANAGEMENT:</b>			
Valley Water Staff Liaison: Brian Mendenhall, bmendenhall@valleywater.org, 1-408-630-3093		Charles Ice Loren Lewis Elizabeth Sarmiento	Elizabeth	3
2	<b>WATER SUPPLY:</b>			
Valley Water Staff Liaison: Jing Wu, jwu@valleywater.org, 1-408-630-2330		Hon. Patrick S. Kwok Mike Michitaka Jim Piazza		3
3	<b>NATURAL FLOOD PROTECTION:</b>			
Valley Water Staff Liaison: Katie Muller, kmuller@valleywater.org, 1-408-630-2934		Mike Michitaka Charles Taylor		2
4	<b>ENVIRONMENTAL STEWARDSHIP:</b>			
Valley Water Staff Liaison: Lisa Porcella, lporcella@valleywater.org, 1-408-630-2741		Swanee Edwards Bob Levy Jim Piazza	Bob	2
5	<b>CLIMATE CHANGE:</b>			
Valley Water Staff Liaison: Brian Mendenhall, bmendenhall@valleywater.org, 1-408-630-3093		Bob Levy Elizabeth Sarmiento Charles Taylor	Bob	4

# FY 2023 EWRC Working Groups

**PLEASE SIGN UP TODAY!**

Working Group Number/Title	Member Name	Lead	Total Members
Lead Member			
<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> When 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.			





# Santa Clara Valley Water District

**File No.:** 23-0078

**Agenda Date:** 1/23/2023

**Item No.:** 4.4.

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## **COMMITTEE AGENDA MEMORANDUM** **Environmental and Water Resources Committee**

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

### **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: EWRC 2023 Work Plan

**UNCLASSIFIED MANAGER:**

Candice Kwok-Smith, 408-630-3193

## 2023 Work Plan: Environmental and Water Resources Committee

Update: January 2023

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	Election of Chair and Vice Chair for 2023.	January 23	•Committee Elects Chair and Vice Chair for 2023 <b>(Action)</b>	
2	Annual Accomplishments Report.	January 23	•Review and approve 2022 Accomplishments Report for presentation to the Board. <b>(Action)</b>  •Submit requests to the Board, as appropriate.	
3	Update Status of Working Groups.	January 23 April 17 July 17 October 16	•Receive updates on the status of the working groups. <b>(Action)</b>  •Submit requests to the Board, as appropriate.	
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.	January 23 April 17 July 17 October 16	•Receive and review the 2023 Board-approved Committee work plan. <b>(Action)</b>  •Submit requests to the Board, as appropriate.	
5	Standing Items Report Fiscal Year 2023 Goals and Strategies:	January 23 July 17	•Receive quarterly reports on standing items. <b>(Information)</b>	

Yellow = Update Since Last Meeting

Blue = Action taken by the Board of Directors

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# 2023 Work Plan: Environmental and Water Resources Committee

Update: January 2023

GOAL	OBJECTIVE	FY23 TACTICS	MONITORING COMMITTEE
<b>INTEGRATED WATER RESOURCES MANAGEMENT</b> <i>"Efficiently manage water resources across business areas."</i>	<u>Objective #1 Challenge/Opportunity</u> <i>The maintenance of Valley Water's infrastructure is crucial to ensuring we continue to provide safe, clean water and critical flood protection for our communities. Timely maintenance is the most cost-effective investment, whereas deferred maintenance disproportionately increases costs and causes unplanned outages and failures risking the population of the county. In addition, aging assets are reaching the end of the design life and will require major recapitalization.</i>	<ul style="list-style-type: none"> <li>• Develop a Fuel Management Policy to guide the incorporation of wildfire planning efforts in an integrated and programmatic way.</li> <li>• Continue a robust preventive maintenance program including monitoring asset condition and risk.</li> <li>• Strategically plan for larger infrastructure renewal projects through Safe Clean Water Project F8 – Sustainable Creek Infrastructure for Continued Public Safety; Water Treatment Plant, Distribution System, and SCADA Implementation Plans; Watersheds and Water Utility Operations and Maintenance Plans; and various Asset Management Plans.</li> <li>• Advance infrastructure renewal projects identified in strategic planning efforts by initiating new Capital or Small Capital Projects, or by conducting work as part of ongoing operations projects.</li> <li>• Develop comprehensive infrastructure master plans for all water utility treatment plant and distribution infrastructure (e.g. pipelines and pump stations) to plan out 30-year capital investments that meet future regulatory requirements, and fold in projects identified in the Asset Management and Operations &amp; Maintenance Plans.</li> <li>• Expedient execution of the adopted Capital program and projects.</li> </ul>	Board Policy and Planning Committee (BPPC) CIP Committee (CIPC)
	<u>Objective #2 Challenge/Opportunity</u> <i>Valley Water continues to pursue legislative and administrative solutions to resolve regulatory and permitting issues at the federal and state levels. The Board's efforts will continue to focus on improving internal capacity when applying for permits, as well as continuing to build relationships with regulatory agencies and staying abreast of the regulatory environment.</i>	<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>• Continue to work with the Regional Water Quality Control Board (RWQCB) under the terms of our memorandum of understanding (MOU) to expedite issue resolution and prevent regulatory overreach.</li> <li>• Collaborate with RWQCB on the Steelhead Regional Temperature Study.</li> </ul>	BPPC
<b>WATER SUPPLY</b> <i>"Provide a reliable, safe, and affordable water supply for current and future generations in all communities served."</i>	<u>Objective #1 Challenge/Opportunity</u> <i>Half of Santa Clara County's water supply is imported from outside the county. At this time, when there is a lot of water, Valley Water may not be able to take advantage of these supplies due to limitations in existing storage and transmission infrastructure as well as regulatory constraints. Having a diverse portfolio of storage options helps Valley Water be resilient. Therefore, Valley Water is evaluating whether diversifying its storage portfolio could help maximize our use of storage and stored water recovery under</i>	<ul style="list-style-type: none"> <li>• Explore opportunities to develop new surface and groundwater storage projects that help Valley Water meet future water supply needs and be resilient to climate change.</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>• Explore partnership opportunities for the Pacheco Reservoir Expansion Project</li> <li>• Validate Valley Water's continued participation in the Pacheco Reservoir Expansion Project during the MAP review process, bi-</li> </ul>	Water Storage Exploratory Committee (WSEC)

Yellow = Update Since Last Meeting

Blue = Action taken by the Board of Directors

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# 2023 Work Plan: Environmental and Water Resources Committee

Update: January 2023

	future conditions. Water storage in reservoirs also provides environmental, recreational, and incidental flood risk reduction benefits. Challenges include determining the appropriate level of participation for Valley Water in collaborative water storage projects and prioritizing projects within funding constraints.	annual budget development, and following review and certification of the project's Environmental Impact Report (EIR).	
	<u>Objective #2 Challenge/Opportunity</u> The Water Supply Master Plan's "Ensure Sustainability" strategy includes securing existing water supplies and infrastructure. Valley Water's local and imported water supplies are vulnerable to climate change impacts, droughts, earthquake, and regulatory requirements that may restrict the amount of available water.	<ul style="list-style-type: none"> <li>• Participate in and influence decisions regarding the Delta Conveyance Project.</li> <li>• Participate in regional water supply resilience efforts.</li> <li>• Build and maintain effective partnerships to increase resiliency.</li> <li>• Complete and implement infrastructure master plans and asset management plans.</li> <li>• Partner with the California Department of Water Resources (DWR) to ensure reliability of the South Bay Aqueduct.</li> </ul>	Water Conservation and Demand Management Committee (WCaDMC) (Groundwater) CIPC (infrastructure projects)
	<u>Objective #3 Challenge/Opportunity</u> Recycled and purified water is a drought resilient, locally controlled water supply important to long-term sustainability. The Water Supply Master Plan includes developing up to 24,000 acre-feet per year of purified water by 2040. Purified water is recycled water that has been treated further using reverse osmosis and other advanced treatment to make it fit for drinking. Valley Water is pursuing indirect potable reuse which would use this purified water to replenish our groundwater. Implementation challenges include securing wastewater supply contractual agreements with wastewater agencies, available land, stringent regulatory requirements, and implementation costs.	<ul style="list-style-type: none"> <li>• Implement the first phase of the Purified Water Program, including release of a Request For Proposal (RFP) and enter into a contract for an Indirect Potable Reuse project that is implemented via a Public Private Partnership.</li> <li>• Implement the Countywide Water Reuse Master Plan.</li> <li>• Develop a Comprehensive Water Reuse Agreement for South County to advance water reuse and its production, distribution, and wholesaling in South County.</li> <li>• Continue to actively be involved with the Direct Potable Reuse (DPR) guidance and ensure Valley Water is positioned to implement a DPR project in the future.</li> <li>• Continue collaboration on the Silicon Valley Advanced Water Purification Center including building a strong collaborative relationship with the San José-Santa Clara Regional Wastewater Facility to expand the facility.</li> </ul>	Recycled Water Committee (RWC)
	<u>Objective #4 Challenge/Opportunity</u> As our largest reservoir, Anderson serves not only as a critical water supply facility, but also supports Valley Water's mission of flood protection and environmental stewardship. Given the reservoir's critical importance to ensuring safe, clean water for our communities and to protect public safety, it is imperative that the Anderson Dam Seismic Retrofit Project (ADSRP) move forward expeditiously. This includes the reconstruction of the Dam and completion of the interim risk reduction measures resulting from the February 20, 2020, directive from the Federal Energy Regulatory Commission (FERC).	<ul style="list-style-type: none"> <li>• Maintain the Anderson Reservoir level at the FERC directed level.</li> <li>• Complete the construction on the Anderson Dam Tunnel Project (ADTP).</li> <li>• Complete the design of the ADSRP.</li> <li>• Continue to work with appropriate regulatory agencies to advance the ADSRP.</li> <li>• Release the Draft Environmental Impact Report for the ADSRP.</li> <li>• Obtain all necessary permits for ADSRP construction.</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>• Coordinate long term ADSRP operations with the Fisheries and Aquatic Habitat Collaborative Effort (FAHCE).</li> </ul>	CIPC Stream Planning and Operations Committee (SPOC)
	<u>Objective #5 Challenge/Opportunity</u> Droughts are a recurring feature of California's climate and may intensify with climate change. Water conservation is an essential component in providing a reliable water supply and Valley Water has set a water	<ul style="list-style-type: none"> <li>• Continue communication and educational outreach to promote Valley Water's water conservation programs.</li> <li>• Increase collaboration with our retailer partners to promote Valley Water's water conservation programs.</li> <li>• Implement new water conservation programs and engagement</li> </ul>	WCaDMC

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	conservation goal for annual water savings of 99,000 acre-feet (AF) by 2030 and 109,000 AF by 2040. As Valley Water faces challenges from climate change and drought, water conservation will continue to be amongst the most cost-effective tools for efficiently meeting current and future demands while mitigating droughts.	<p>strategies identified within the Water Conservation Strategic Plan.</p> <ul style="list-style-type: none"> <li>•Engage and support private-sector stakeholders, local, state, and federal agencies that promote water conservation.</li> <li>•Develop and implement a Drought Response Plan with support and input from our retailer partners and the broader community to guide short-term behavioral changes during water shortages.</li> </ul>	
<b>NATURAL FLOOD PROTECTION</b> <b>“Provide Natural Flood Protection to reduce risk and improve health and safety.”</b>	<u>Objective #1 Challenge/Opportunity</u> Valley Water is challenged to sustain ecosystem health while managing local water resources for flood protection and water supply. By using an integrated approach to planning and designing flood protection planning, there is an opportunity to create projects with multiple benefits.	<ul style="list-style-type: none"> <li>•Make significant progress on One Water plans for the Guadalupe and Pajaro watersheds.</li> <li>•Complete construction of Reaches 1-3 of the Shoreline Phase I Project and pursue funding alternatives for Reaches 4-5 to provide 100-year coastal flood risk management, ecosystem restoration, recreational opportunities, and resiliency for sea level rise.</li> <li>•Complete construction of Phase 2A of the Upper Llagas Flood Protection Project to provide flood protection and habitat enhancement.</li> <li>•Advance the Palo Alto Flood Basin Project into construction, a repair project to ensure a functional flood basin with wetland habitat.</li> <li>•Advance the Sunnyvale East/West Channels Project into construction to provide 100-year storm water flood protection.</li> <li>•Compete the U.S. Army Corps of Engineers Upper Guadalupe River Project General Reevaluation Study to provide 100-year flood protection.</li> <li>•Advance the San Francisquito Creek upstream 101 Project into construction to provide flood protection.</li> <li>•Advance the Coyote Creek Flood Mitigation and Flood Protection Projects into construction to provide flood protection for an event equivalent to the 2017 storm event.</li> </ul>	CIPC BPPC
	<u>Objective #2 Challenge/Opportunity</u> As Valley Water continues to advance flood protection projects, the Board has an opportunity to strengthen relationships and improve coordination with conservation and environmental justice groups, as well as other local jurisdictions, with a specific focus on ensuring the voices of disadvantaged communities are equitably represented.	<ul style="list-style-type: none"> <li>•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.</li> <li>•Continue progress on flood protection capital projects consistent with Valley Water’s commitment to the Safe, Clean Water Program and equitability in all regions.</li> <li>•Plan flood risk reduction projects to provide a minimum level of protection countywide.</li> </ul>	CIPC BPPC
<b>ENVIRONMENTAL STEWARDSHIP</b> <b>“Sustain ecosystem health while managing local water resources for flood protection and water supply.”</b>	<u>Objective #1 Challenge/Opportunity</u> Valley Water’s projects and programs require integrated planning to ensure capital improvements, operations, and maintenance activities are balanced with environmental stewardship goals. Valley Water strives to protect and restore habitats to support native species throughout Santa Clara County.	<ul style="list-style-type: none"> <li>•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>•Implement high priority actions included in the Climate Change Action Plan.</li> <li>•Make significant progress on the grant-funded planning study for the San Tomas Aquino Calabazas Creek Realignment Project.</li> </ul>	BPPC

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# 2023 Work Plan: Environmental and Water Resources Committee

Update: January 2023

		<ul style="list-style-type: none"> <li>• Advance construction for the Bolsa Creek and Hale Creek projects to begin in Summer 2022.</li> <li>• Advance Almaden Lake Improvement Project to begin construction in 2023.</li> <li>• Continue to develop and build on partnerships with environmental organizations and tribal communities when developing projects.</li> </ul>	
	<p><u>Objective #2 Challenge/Opportunity</u> Valley Water continues to coordinate with local cities and agencies to improve the health of our local waterways, including pollution prevention and addressing threats to water quality. Opportunities exist to further collaborate with the County, cities, and social services agencies on encampment abatement efforts and to develop long-term solutions for the homeless to keep our creeks clean.</p>	<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 homeless encampment clean ups.</li> <li>• Coordinate with the County, cities, and other service providers to try to ensure the permanent removal of homeless encampments from creeks and trails.</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>	Environmental Creek Cleanup Committee (ECCC) (SPOC)
	<p><u>Objective #3 Challenge/Opportunity</u> For nearly 20 years, Valley Water has been working to resolve a water rights complaint surrounding fish, wildlife, water quality, and other beneficial uses in Coyote Creek, Guadalupe River, and Stevens Creek watershed areas. Challenges include completing the environmental review process, obtaining federal and state permits from multiple regulatory agencies, refining and processing water rights change petitions, the technical complexity of the fisheries impacts analysis, coordination with other ongoing related projects and managing stakeholder expectations.</p>	<ul style="list-style-type: none"> <li>• Finalize the June 2021 Guadalupe River and Stevens Creek Environmental Impact Report (EIR) consistent with existing stakeholder agreement.</li> <li>• Advance 10 water right change petitions for securing water right orders.</li> <li>• Continue to implement the pilot flow program in Guadalupe and Stevens Creek.</li> <li>• Continue to implement feasibility studies, monitoring activities, and Planning and construction of various fish passage improvements as identified in existing stakeholder agreement.</li> <li>• Continue fisheries monitoring program.</li> <li>• Continue to support an adaptive management program that encompasses all three creeks.</li> </ul>	SPOC
CLIMATE CHANGE "Mitigate Carbon Emissions and Adapt Valley Water Operations to Climate Change Impacts."	<p><u>Objective #1 Challenge/Opportunity</u> Valley Water's ability to fulfill its mission will be challenged in the future by warmer temperatures, changing precipitation patterns, reduced snowpack, and rising sea levels. Valley Water has been working on greenhouse reduction efforts since 2008 and many adaptation actions over the past decade; however, with adoption of the Climate Change Action Plan there is an opportunity for greater impact.</p>	<ul style="list-style-type: none"> <li>• Update carbon accounting and establish new emissions reduction goal if needed.</li> <li>• Make significant progress on development of an agency-wide greenhouse gas reduction plan.</li> </ul>	Climate Adaptation and Sustainability Committee (CAASC)
BUSINESS MANAGEMENT "Promote effective management of water supply, flood protection, and environmental stewardship through responsive and socially"	<p><u>Objective #1 Challenge/Opportunity</u> Valley Water is committed to creating and maintaining a diverse, inclusive, and equitable work environment that is devoid of discrimination and harassment and provides equal opportunity employment and advancement. Valley Water aims to implement the same values in the community through its flood protection, water supply, and environmental stewardship</p>	<ul style="list-style-type: none"> <li>• Develop and implement a Diversity, Equity and Inclusion Master Plan that institutes best practices to address internal and external disparities and builds an organizational culture that is 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, national origin, religion, gender identity, disability status, tribe, culture, income,</li> </ul>	Diversity & Inclusion Ad Hoc Committee (DIAHC)

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## 2023 Work Plan: Environmental and Water Resources Committee

Update: January 2023

<i>responsible business services."</i>		<i>projects, and has an opportunity to serve as a leader for racial equity, diversity, and inclusion throughout the state.</i>		immigration status, or English language proficiency, with respect to the planning, projects, policies, services, and operations of Valley Water. <ul style="list-style-type: none"> <li>• Continue to collaborate with external stakeholders that are engaged in developing diversity, equity, and inclusion initiatives and actively participate in and provide leadership for diversity, equity, and inclusion efforts throughout the state.</li> <li>• Advance and foster mutually beneficial partnerships with regional tribal communities.</li> </ul>	
6	<b>Flood-Managed Aquifer Recharge Preliminary Feasibility Study for Santa Clara County</b>	April 17	<ul style="list-style-type: none"> <li>• Receive a presentation on the Flood-Managed Aquifer Recharge Preliminary Feasibility Study for Santa Clara County.</li> <li>• <b>(Information)</b></li> </ul>		
7	<b>Homeless Encampments Update</b>	TBD	<ul style="list-style-type: none"> <li>• Receive an update on the Homeless Encampments <b>(Information)</b></li> </ul>		

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# Santa Clara Valley Water District

**File No.:** 23-0079

**Agenda Date:** 1/23/2023

**Item No.:** 5.1.

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## **COMMITTEE AGENDA MEMORANDUM** **Environmental and Water Resources Committee**

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

### **SUBJECT:**

Standing Items Report.

### **RECOMMENDATION:**

Standing Items Report, this item allows the Environmental and Water Resources Committee to receive verbal or written updates and discuss the Board's Fiscal Year 2023 Work Plan Strategies. These items are generally informational; however, the Committee may request additional information and/or provide collective input to the assigned Board Committee.

### **SUMMARY:**

The Environmental and Water Resources Committee was established to assist the Board with policy review and development, provide comment on activities in the implementation of Valley Water's mission, and to identify Board-related issues.

On January 2022, the Board of Directors approved aligning the Board Advisory Committees' agendas and work plans with the Board's yearly work plan.

The new agenda format will allow regular reports on the Board's priorities from the Board's committees and/or Board committee representative and identify subjects where the committees could provide advice to the Board on pre-identified subjects in a timely manner to meet the Board's schedule and distribute information/reports that may be of interest to committee members.

### **ATTACHMENTS:**

Attachment 1: Standing Items Report

### **UNCLASSIFIED MANAGER:**

Candice Kwok-Smith, 408-630-3193



# FY2022-2023 BOARD WORK PLAN – STANDING ITEMS REPORT

December 2022

<b>INTEGRATED WATER RESOURCES MANAGEMENT</b> <b>GOAL: Efficiently manage water resources across business areas.</b>	
<b>Objective 1:</b>	<b>Protect and maintain existing assets and infrastructure and advance new projects.</b>
Updates:	<ul style="list-style-type: none"> <li>• The Draft Watersheds and Water Utility Five-Year Operations and Maintenance and Asset Renewal Program Plans is scheduled to be presented to the Board of Directors at the January 10, 2023 Board Meeting.</li> <li>• On a monthly basis, updates on the current status and phases of all projects that are part of Valley Water's Capital Improvement Program (CIP) are provided to the Board's CIP Committee. The Board will hold a Work Study Session on the Draft Preliminary Five-Year FY2023-2027 CIP at the January 10, 2023 Board Meeting.</li> </ul>
<b>Objective 2:</b>	<b>Improve internal capacity to acquire regulatory permits.</b>
Updates:	<ul style="list-style-type: none"> <li>• Valley Water continues to hold and participate in regular technical and permitting discussions with resource agencies including monthly interagency or Technical Work Group meetings as well as single agency meetings with National Marine Fisheries Service, California Department of Fish and Wildlife, U.S. Fish and Wildlife, State Water Resources Control Board, Regional Water Quality Control Board, U.S. Army Corps of Engineers, and the Federal Energy Regulatory Commission.</li> <li>• On September 14, 2022, Valley Water hosted staff from National Marine Fisheries Service (NMFS), California Department of Fish and Wildlife (CDFW), and San Francisco Bay Regional Water Quality Control Board (SFWQB) on a site tour of three watershed project sites: a fish ladder project at Evelyn Avenue on Stevens Creek, currently under design, Upper Guadalupe gravel augmentation site, which completed construction in 2021, and Coyote Percolation Ponds flashboard dam replacement, currently under design. All three sites have fish ladder/habitat improvement elements where resource agencies were interested in understanding site conditions, assess effectiveness as well as give feedback.</li> </ul>
<b>Objective 3:</b>	<b>Educate the community, elected officials and external stakeholders on our management of water resources in Santa Clara County.</b>
Updates:	<ul style="list-style-type: none"> <li>• On August 26, 2022, Valley Water convened elected officials, business leaders, agricultural leaders, and environmental advocates from throughout Silicon Valley at the 2022 Water Summit to discuss current water supply challenges and address the drought and worsening climate change impacts.</li> <li>• For the first time since the pandemic, Valley Water returned to Washington, D.C., September 19–21, 2022 to meet with congressional offices and agency staff, including Members of the Santa Clara County congressional delegation, the offices of Senators Feinstein and Padilla, key committees, and the Bureau of Reclamation to advocate for drought funding and passage of important legislation, such as the Water Resources Development Act.</li> <li>• On October 14, 2022, Valley Water hosted elected officials and key advocacy stakeholders from the public, non–profit, and private sectors on a VIP Water Walk Tour to educate and engage them on critical water infrastructure projects including Anderson Dam, Alamitos Groundwater Recharge Ponds, the Upper Guadalupe River Flood Protection and South San Francisco Bay Shoreline Projects, and Silicon Valley Advanced Water Purification Center.</li> <li>• In October 2022, Valley Water relaunched in-person public tours of the Silicon Valley Advanced Water Purification Center and experienced maximum capacity turnout in its first few tours.</li> <li>• So far in FY23, Valley Water's Education Outreach Program has reached nearly 4,300 students and educators and its Water Infrastructure and Purification Tours have been given to 384 members of the public.</li> <li>• Valley Water continues to provide an update on the current drought response and water supply status at the first Board Meeting of each month.</li> </ul>

<b>WATER SUPPLY</b> <b>GOAL: Provide a reliable, safe, and affordable water supply for current and future generations in all communities served.</b>	
<b>Objective 1:</b>	<b>Pursue new and diversified water supply and storage opportunities.</b>
Updates:	<ul style="list-style-type: none"> <li>Valley Water continues to explore opportunities to develop new surface and groundwater storage projects that help Valley Water meet future water supply needs and be resilient to climate change, including determining participation levels and identifying partnerships.</li> <li>At the November 22, 2022 Board Meeting, the Board approved the Los Vaqueros Reservoir Expansion Multi-party Agreement Amendment No. 4 to continue the planning and design of the Los Vaqueros Project.</li> </ul>
<b>Objective 2:</b>	<b>Secure existing water supplies and water supply infrastructure</b>
Updates:	<ul style="list-style-type: none"> <li>Valley Water continues to participate in and influence decisions regarding the Delta Conveyance Project. On December 19, 2022, the U.S. Army Corps of Engineers (USACE) released a Draft Environmental Impact Statement (DEIS) for the proposed Delta Conveyance Project (DCP). Valley Water is reviewing the DEIS and will provide comments if warranted.</li> </ul>
<b>Objective 3:</b>	<b>Lead Recycled and Purified Water Efforts with committed partners.</b>
Updates:	<ul style="list-style-type: none"> <li>In September 2022, the Palo Alto City Council conducted a study session on a future water purification facility in the City of Palo Alto and since then Valley Water has been meeting with staff from Palo Alto to collaborate on agreements and refine regulatory requirements.</li> <li>Discussions have continued with the City of San Jose on future purified water projects.</li> </ul>
<b>Objective 4:</b>	<b>Complete the Anderson Dam Seismic Retrofit Project.</b>
Updates:	<ul style="list-style-type: none"> <li>Construction has begun on the Anderson Dam Tunnel Project, a component of the Federal Energy Regulatory Commission Order Compliance Project (FOCP). A soil nail wall to strengthen roughly 15,000 square feet of hillside was completed and excavation for the new diversion outlet tunnel has commenced.</li> </ul>
<b>Objective 5:</b>	<b>Making water conservation a California way of life in Santa Clara County.</b>
Updates:	<ul style="list-style-type: none"> <li>Valley Water continues to provide an update on the current drought response and water supply status at the first Board Meeting of each month.</li> <li>At the August 9, 2022 Board Meeting, Valley Water's Youth Commission presented a Drought Awareness &amp; Conservation Toolkit to engage their peers and bring attention to the severity of the drought. The Toolkit includes a social media campaign, a series of conservation stickers, video resources and a push for young people to take a conservation pledge.</li> <li>At the September 9, 2022 Board Meeting, the Board adopted a First Amended and Restated Ordinance that provides water retailers additional opportunities to undertake enforcement measures that address water waste and ban irrigation of commercial, industrial and institutional non-functional turf.</li> <li>On September 29, 2022, a collaborative press conference with the state's Save Our Water team supporting California Secretary of Natural Resources Wade Crowfoot was held at the Google Bay View campus in Mountain View. The event put a spotlight on the continuous need to conserve water and our commercial rebate offerings to the local business community.</li> <li>Since July 2022, Valley Water has met or exceeded our countywide conservation targets of a 15% reduction in water use compared to 2019.</li> </ul>

<b>NATURAL FLOOD PROTECTION</b> <b>GOAL: Provide Natural Flood Protection to reduce risk and improve health and safety.</b>	
<b>Objective 1:</b>	<b>Protect people and property from flooding by applying a comprehensive, integrated watershed management approach that balances environmental quality, sustainability, and cost.</b>
Updates:	<ul style="list-style-type: none"> <li>As part of the One Water Plan, Valley Water continues to develop watershed plans for Upper Pajaro River and Guadalupe River Watersheds.</li> <li>On a monthly basis, updates on the current status and phases of all projects that are part of Valley Water's Capital Improvement Program (CIP) are provided to the Board's CIP Committee. The Board will hold a Work Study Session on the Draft Preliminary Five-Year FY2023-2027 CIP at the January 10, 2023 Board Meeting.</li> </ul>
<b>Objective 2:</b>	<b>Provide flood protection equitably in all regions of the County, prioritizing disadvantaged communities.</b>
Updates:	<ul style="list-style-type: none"> <li>On a monthly basis, updates on the current status and phases of all projects that are part of Valley Water's Capital Improvement Program (CIP) are provided to the Board's CIP Committee. The Board will hold a Work Study Session on the Draft Preliminary Five-Year FY2023-2027 CIP at the January 10, 2023 Board Meeting.</li> </ul>

<b>ENVIRONMENTAL STEWARDSHIP</b> <b>GOAL: Sustain ecosystem health while managing local water resources for flood protection and water supply.</b>	
<b>Objective 1:</b>	<b>Plan and design projects with multiple benefits, including protecting ecosystem functions, enhancing habitat, and improving connectivity, equitably in all regions of the county.</b>
Updates:	<ul style="list-style-type: none"> <li>As part of the One Water Plan, Valley Water continues to develop watershed plans for Upper Pajaro River and Guadalupe River Watersheds.</li> <li>In June 2022, Valley Water began construction of the Hale Creek Enhancement Pilot Project, which is designed to increase channel flood capacity and improve the ecology of the creek system. In coordination with the San Francisco Bay Regional Water Quality Control Board, this project has been prioritized and selected for a pilot study to restore geomorphic creek features in a confined urban setting.</li> </ul>
<b>Objective 2:</b>	<b>Protect creeks, bay, and other aquatic ecosystems from threats of pollution and degradation.</b>
Updates:	<ul style="list-style-type: none"> <li>At the August 23, 2022 Board Meeting, the Board approved the implementation of a Water Resources Encampment Risk Assessment to aid staff in documenting and assessing risks related to encampments on Valley Water lands and help determine how to prioritize encampments for abatement.</li> <li>In the first quarter of FY23, Valley Water staff removed 246.15 tons of trash, debris and hazardous pollutants along our waterways.</li> <li>Valley Water, in partnership with the California Coastal Commission and the Creek Connections Action Group (CCAG), coordinated Coastal Cleanup Day in Santa Clara County on September 17, 2022. This year, 1,056 volunteers at 40 cleanup sites removed 28,130 pounds of litter from 53 miles of waterways and natural spaces in Santa Clara County.</li> </ul>
<b>Objective 3:</b>	<b>Complete and implement the Fisheries and Aquatic Habitat Collaborative Effort (FAHCE) agreement.</b>
Updates:	<ul style="list-style-type: none"> <li>Valley Water continues to coordinate the FAHCE Plus Pilot Flow Project for Guadalupe Creek and Stevens Creek initiated on October 1, 2020. Valley Water is preparing for a one-year extension of the two-year pilot flow study.</li> <li>In August 2022, Valley Water completed the Uvas Creek Fish Habitat Improvement Project which helps restore and maintain healthy steelhead trout populations by improving fish passage and habitat.</li> </ul>

<b>CLIMATE CHANGE</b> <b>GOAL: Mitigate carbon emissions and adapt Valley Water operations to climate change impacts.</b>	
<b>Objective:</b>	<b>Address future impacts of climate change to Valley Water's mission and operations.</b>
Updates:	<ul style="list-style-type: none"> <li>• Since the Board's adoption of Valley Water's Climate Change Action Plan (CCAP), Valley Water is in the process of developing an agency-wide Greenhouse Gas (GHG) Reduction Plan.</li> </ul>

<b>BUSINESS MANAGEMENT</b> <b>GOAL: Promote effective management of water supply, flood protection, and environmental stewardship through responsive and socially responsible business services.</b>	
<b>Objective 1:</b>	<b>Incorporate racial equity, diversity and inclusion throughout Valley Water as a core value.</b>
Updates:	<ul style="list-style-type: none"> <li>• Valley Water's Board of Directors have passed resolutions recognizing the following so far this fiscal year: National Hispanic Heritage Month, National Polish American Heritage Month, National German American Heritage Month, National Italian American Heritage Month, Filipino American History Month, National Disability Employment Awareness Month &amp; the 32<sup>nd</sup> Anniversary of the Americans with Disabilities Act, and National Native American Heritage Month.</li> <li>• Valley Water Board Members continue to actively collaborate with and support the Association of California Water Agencies (ACWA) on their efforts to promote diversity, equity and inclusion (DEI) within the water industry.</li> </ul>
<b>Objective 2:</b>	<b>Maintain appropriate staffing levels and expertise while prioritizing the safety of our staff.</b>
Updates:	<ul style="list-style-type: none"> <li>• Valley Water successfully partnered with its three bargaining groups to implement new four-year Memorandums of Understanding (MOUs).</li> <li>• 185 open positions have been filled so far in FY23, with nearly 40% filled through internal promotions.</li> <li>• In partnership with Valley Water's Human Resources and Communications teams, a one-minute recruitment video was developed promoting Valley Water as a great place to work and shared widely on social media.</li> </ul>
<b>Objective 3:</b>	<b>Provide affordable and cost-effective level of services.</b>
Updates:	<ul style="list-style-type: none"> <li>• A biennial budget was implemented for the FY23 budget cycle, the first time a biennial budget has been used at Valley Water since 2005.</li> <li>• At the September 27, 2022 Board Meeting, the Board approved changes to update Board Governance Policy Executive Limitations EL-4: Financial Management.</li> <li>• So far in FY23, Valley Water has received \$6.7 million in grant awards, including \$5.8 million for the Cross Valley Pipeline Extension Project.</li> <li>• As of December 2022, Valley Water's Low Income Water Rate Assistance Program (WRAP), in partnership with Sacred Heart Community Services, has assisted over 1,600 households with funding towards their water bills.</li> </ul>

