

August 15, 2022

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

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

The special meeting of the Environmental and Water Resources Committee is scheduled to be held on **Monday, August 22, 2022, 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Members with two or more consecutive unexcused absences will be subject to rescinded membership.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, August 18, 2022, 12:30 p.m.** by contacting Ms. Glenna Brambill at 1-408-630-2408, or 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

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

Alternate Address: 26375 W. Fremont Rd, Los Altos Hills, CA 94022

SPECIAL MEETING AGENDA

**Monday, August 22, 2022
6:00 PM**

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

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

Director Tony Estremera
Director Nai Hsueh
Director Linda J. LeZotte

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.

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

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

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

Santa Clara Valley Water District
Environmental and Water Resources Committee
SPECIAL MEETING
AGENDA

Monday, August 22, 2022

6:00 PM

HQ Boardroom
5700 Almaden Expressway
San Jose CA 95118

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 wear a mask and 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.

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>

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

1. CALL TO ORDER:

1.1. Roll Call.

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

Notice to the Public: Members of the public who wish to address the Committee on any item not listed on the agenda should access the "Raise Hand" tool located in Zoom meeting link listed on the agenda. Speakers will be acknowledged by the Committee Chair in order requests are received and granted speaking access to address the Committee. Speakers comments should be limited to two minutes or as set by the Chair. The law does not permit Committee action on, or extended discussion of, any item not on the agenda except under special circumstances. If Committee action is requested, the matter may be placed on a future agenda. All comments that require a response will be referred to staff for a reply in writing. The Committee may take action on any item of business appearing on the posted agenda.

3. APPROVAL OF MINUTES:

3.1. Approval of Minutes.

[22-0919](#)

Recommendation: Approve the April 18, 2022, Meeting Minutes.

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

Attachments: [Attachment 1: 04182022 EWRC Draft Mins](#)

Est. Staff Time: 5 Minutes

4. REGULAR AGENDA:

- 4.1. Climate Change Action Plan - Implementation Update and Adaptation Metrics. [22-0920](#)
Recommendation: A. Receive an update on implementation of the Climate Change Action Plan (CCAP), and
B. Provide feedback on selected metrics for adaptation-related CCAP actions.
Manager: Lisa Bankosh 408-630-2618
Attachments: [Attachment 1: CCAP PowerPoint Presentation](#)
[Attachment 2: CCAP Priority Actions- Working Draft Metrics](#)
Est. Staff Time: 45 Minutes
- 4.2. South San Francisco Bay Shoreline Phase II Feasibility Study Update. [22-0921](#)
Recommendation: Receive South San Francisco Bay Shoreline Phase II Feasibility Study Update.
Manager: Bhavani Yerrapotu, 408-630-2735
Attachments: [Attachment 1: PowerPoint Presentation](#)
Est. Staff Time: 10 Minutes
- 4.3. Review and Receive Updates on the Environmental and Water Resources Committee's Working Groups. [22-0922](#)
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: EWRC WGs Spreadsheet](#)
Est. Staff Time: 15 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. [22-0923](#)
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: EWRC 2022 Work Plan](#)
Est. Staff Time: 5 Minutes

5. INFORMATION ITEMS:

5.1. Standing Items Report.

[22-0924](#)

Recommendation: **Standing Items Reports**

This item allows the Environmental and Water Resources Committee to receive verbal or written updates and discuss the Board's Fiscal Year 2022 Work Plan Strategies. These items are generally informational; however, the Commission 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 Member 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 (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, October 17, 2022.



Santa Clara Valley Water District

File No.: 22-0919

Agenda Date: 8/22/2022

Item No.: 3.1.

COMMITTEE AGENDA MEMORANDUM

Environmental and Water Resources Committee

SUBJECT:

Approval of Minutes.

RECOMMENDATION:

Approve the April 18, 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: 04182022, EWRC Draft Meeting Mins.

UNCLASSIFIED MANAGER:

Candice Kwok-Smith, 408-630-3193



ENVIRONMENTAL AND WATER RESOURCES COMMITTEE

DRAFT MINUTES

MONDAY, APRIL 18, 2022

(Paragraph numbers coincide with agenda item numbers)

A regular scheduled meeting of the Environmental and Water Resources Committee (Committee) Meeting was held on April 18, 2022, at 5700 Almaden Expressway, in San Jose, California.

1. CALL TO ORDER/ROLL CALL

Committee Chair Mr. Bob Levy called the meeting to order at 6:03 p.m. A quorum was established with 10 Members present.

Members in attendance were:

<u>Jurisdiction</u>	<u>Representative</u>	<u>Representative</u>	<u>Representative</u>
District 1	Loren Lewis		
District 2	Charles Ice	Elizabeth Sarmiento	
District 3	Janet Higaki*	Hon. Bob Nuñez	Charles Taylor
District 4	Bob Levy		
District 5	Hon. Tara Martin-Milius		
District 7	Tess Byler	Hon. Stephen A. Jordan	Arthur M. Keller, Ph.D.

Members not in attendance were:

<u>Jurisdiction</u>	<u>Representative</u>	<u>Representative</u>	<u>Representative</u>
District 1	Bonnie Bamburg		
District 5	Mike Michitaka		
District 6	Hon. Patrick S. Kwok	Diego Mora Tejeda	

*Committee Member arrived as indicated below.

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

Staff members in attendance were: Lisa Bankosh, John Bourgeois, Glenna Brambill, Clelia Busadas, Mike Cook, Vincent Gin, Samantha Greene, Michele King, Clayton Leal, Michael Martin, Brian Mendenhall, Metra Richert, Afshin Rouhani, Kirsten Struve, Damaris Villalobos-Galindo, and Sarah Young.

Public in attendance were: Hon. Jim Beall, Jim Piazza, and Luke Wang.

2. PUBLIC COMMENT

There was no one present who wished to speak.

3. APPROVAL OF MINUTES

3.1 APPROVAL OF MINUTES

It was moved by Hon. Bob Nuñez, seconded by Ms. Tess Byler, and unanimous vote carried, to approve the January 24, 2022, Environmental and Water Resources Committee meeting minutes as presented.

4. ACTION ITEMS

4.1 RECEIVED UPDATES ON FISH AND AQUATIC HABITAT COLLABORATIVE EFFORT (FAHCE)

Mr. John Bourgeois reviewed the materials as outlined in the agenda item.

The Environmental and Water Resources Committee discussed the following: monitoring program (habitat) sites, fish counts, creeks dried up, and next steps/timelines.

SPOC meeting May 12, 2022, need a liaison for this committee.

Mr. Clayton Leal was available to answer questions.

*Ms. Janet Higaki logged on at 6:26 p.m.

The Environmental and Water Resources Committee took no action.

4.2 DROUGHT RESPONSE PLAN UPDATE – BENCHMARK STUDY

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

The Environmental and Water Resources Committee discussed the following: climate change-development-balancing of all variables, watering days, desalination, conveyance projects, usage population, any incentives, semi-tropic water bank, storing water to get out of drought, how is drought doing, groundwater, vulnerabilities, triggers and demand actions, and weather tracking.

Ms. Kirsten Struve, Director Tony Estremera, Director Nai Hsueh, and Ms. Samantha Greene were available to answer questions.

The Environmental and Water Resources Committee took no action.

4.3 ONE WATER PLAN – GENERAL UPDATE AND UPPER PAJARO RIVER WATERSHED PLANNING

Ms. Lisa Bankosh, Ms. Damaris Villalobos-Galindo and Ms. Clelia Busadas reviewed the materials as outlined in the agenda item.

The Environmental and Water Resources Committee discussed the following: the mural tool, adding input to the different categories, metered vs non-metered wells, flood

protection, trails, creeks/streams cleanups, groundwater recharge, and stakeholder process.

Hon. Bob Nuñez left at 7:38 p.m. and did not return.

The Environmental and Water Resources Committee took no action:

4.4 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:

Natural Flood Protection Working Group Lead, Arthur M. Keller

No report

Water Supply Working Group Lead, Arthur M. Keller

No report

Environmental Stewardship Working Group Lead, Bob Levy reported on:

The group plans to meet in early May.

Climate Change Working Group Bob Levy reported on:

Working Group met and will be meeting regularly to be more involved and giving input for many of the Plans such as One Water.

Integrated Water Resources Management Working Group Loren Lewis reported on:

Working Group met and discussed One Water planning, timelines for input, setting ground rules, and Elizabeth Sarmiento will serve as Lead.

Ms. Janet Higaki will be the Liaison for the Environmental Creek Cleanup Committee (ECCC) and Ms. Tess Byler will be the Liaison for the Streams Planning and Operations Committee (SPOC).

The Environmental and Water Resources Committee took no action.

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

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

The Environmental and Water Resources Committee took no action, but Committee Chair Bob Levy and Committee Vice Chair Dr. Arthur M. Keller, will work with staff regarding July meeting agenda items.

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

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

6. REPORTS

6.1 DIRECTOR'S REPORT

None.

6.2. MANAGER'S REPORT

None.

6.3 COMMITTEE MEMBER REPORTS

Ms. Elizabeth Sarmiento reported on:

April 22, 2022, Earth Day events, share information about the Gray Water Workshop.

Ms. Janet Higaki reported on:

April 22, 2022, Earth Day Event, at the Bay Point Park in San Jose, planting of 100 trees, from 11:00 a.m. to 3:00 p.m., link will be sent to the Committee.

6.4 INFORMATIONAL LINK REPORTS

Links are contained in the agenda.

7. ADJOURNMENT

Committee Chair Bob Levy adjourned at 8:18 p.m. to the next regular meeting on Monday, July 18, 2022, 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.: 22-0920

Agenda Date: 8/22/2022

Item No.: 4.1.

COMMITTEE AGENDA MEMORANDUM Environmental and Water Resources Committee

SUBJECT:

Climate Change Action Plan - Implementation Update and Adaptation Metrics.

RECOMMENDATION:

- A. Receive an update on implementation of the Climate Change Action Plan (CCAP), and
- B. Provide feedback on selected metrics for adaptation-related CCAP actions.

SUMMARY:

The Climate Change Action Plan (CCAP), adopted by the Board of Directors in July 2021, guides Santa Clara Valley Water District's (Valley Water) response to climate change through the implementation of goals, strategies, and actions that address climate mitigation and adaptation. The Board also directed staff to develop a corresponding Implementation Program to provide specific direction to further reduce Valley Water's emissions, bolster climate resilience, and enhance emergency preparedness. Since adoption of the CCAP, staff has begun working on two key initiatives to enhance Valley Water's efforts to reduce its greenhouse gas emissions (GHGs) and track the implementation of adaptation-related CCAP actions.

Greenhouse Gas Reduction Plan

Climate change mitigation (emissions reduction) actions were prioritized in the CCAP using emissions savings, co-benefits, cost, and community feedback as criteria. Updating GHG accounting methodology and developing an agencywide GHG Reduction Plan were identified as high priorities for implementation. Staff have issued a task order under the Environmental Planning On-Call Services Contract to a team of environmental consultants to support these high priority tasks.

Our consultant partners will work with staff to expand Valley Water's emissions inventory to account for additional GHG sources, develop innovative measures to reduce GHG emissions, and ultimately provide a pathway to achieve net zero emissions in the GHG Reduction Plan. The GHG Reduction Plan will also include a review of GHG offset programs that Valley Water may utilize to offset emissions from large capital projects.

Prior to adoption, the GHG Reduction Plan will undergo environmental review pursuant to the requirements of the California Environmental Quality Act (CEQA). Adoption of a corresponding CEQA

document will enable Valley Water to streamline analysis of GHG emissions for future projects that demonstrate compliance with the GHG Reduction Plan.

Adaptation Action Tracking Metrics

CCAP's goals that relate to climate adaptation consist of Goal 4 (Water Supply Adaptation), Goal 5 (Flood Protection Adaptation), and Goal 6 (Ecosystem Adaptation). Each goal is associated with numerous strategies and actions established to work towards the corresponding goal. Staff followed a prioritization methodology that assessed actions based on costs, co-benefits, risk of impact, effectiveness, and stakeholder feedback. Actions were grouped into low, medium, and high priority groups based on the results of the prioritization.

Staff are now developing metrics and targets to track the implementation of high priority actions for Goals 4, 5, and 6. Actions have been grouped together into several types that correspond to the scope of the action (e.g., local supply, flood risk reduction, habitat connectivity).

Metrics and associated targets are being developed to align with each action type. Subject matter experts have been convened to provide input on appropriate metrics and targets that staff can use to assess the progress of CCAP implementation over time. Input will be requested from the Environmental and Water Resources Committee (EWRC) on selected metrics. Staff will present an overview of the actions, types, and draft metrics, followed by a roundtable discussion with committee members to provide feedback.

Next Steps

Staff will continue work on the GHG Reduction Plan and Adaptation Action Tracking Metrics by completing the following tasks:

- Complete GHG inventory, forecast and emission reduction target setting in collaboration with consultant
- Develop GHG reduction measures to achieve the emission reduction targets
- Prepare GHG Reduction Plan and CEQA document
- Incorporate EWRC feedback into adaptation action metrics and targets
- Finalize metrics and targets for Goals 4-6
- Develop metrics and targets for Goal 7 (Emergency Preparedness)

ATTACHMENTS:

Attachment 1: PowerPoint Presentation

Attachment 2: CCAP Adaptation Metrics Spreadsheet

UNCLASSIFIED MANAGER:

Lisa Bankosh 408-630-2618



CCAP Implementation Update

Presented By: Nick Mascarello, Assistant Environmental Planner

Environmental and Water Resources Committee , August 22, 2022

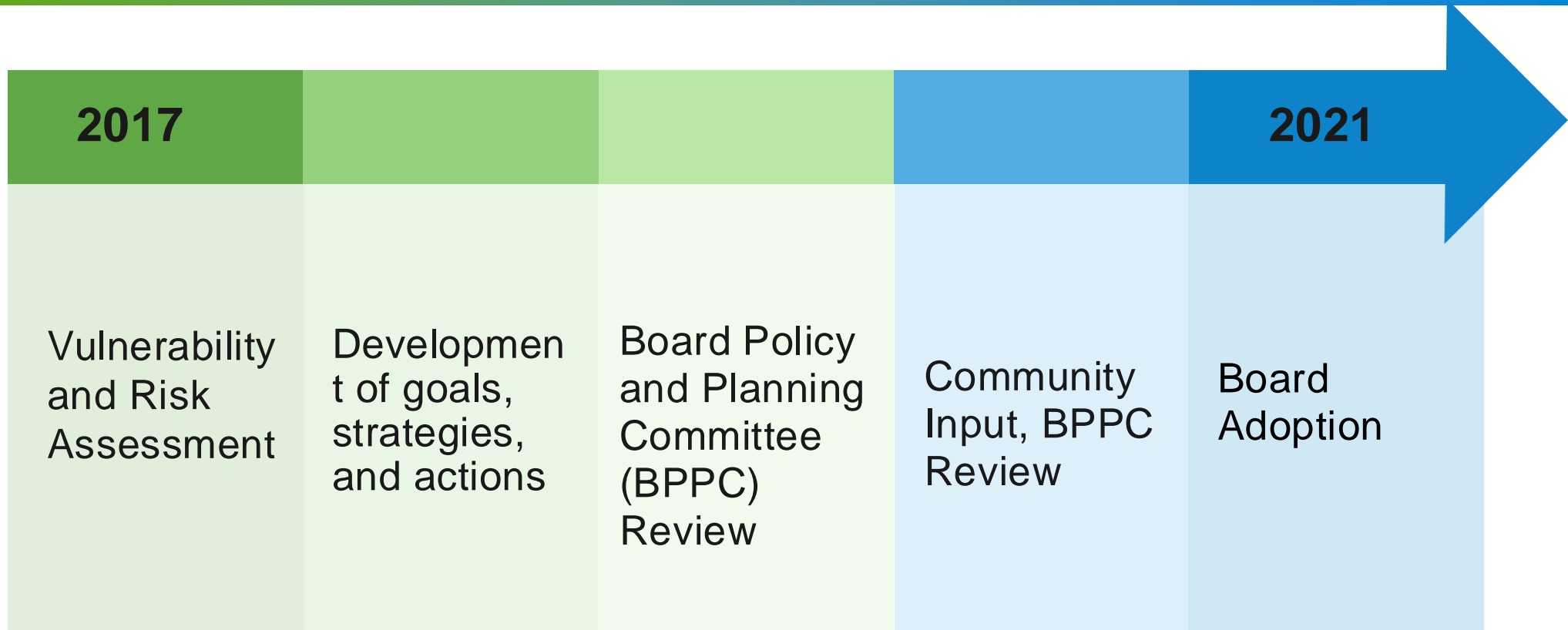


Climate Change Action Plan (CCAP)

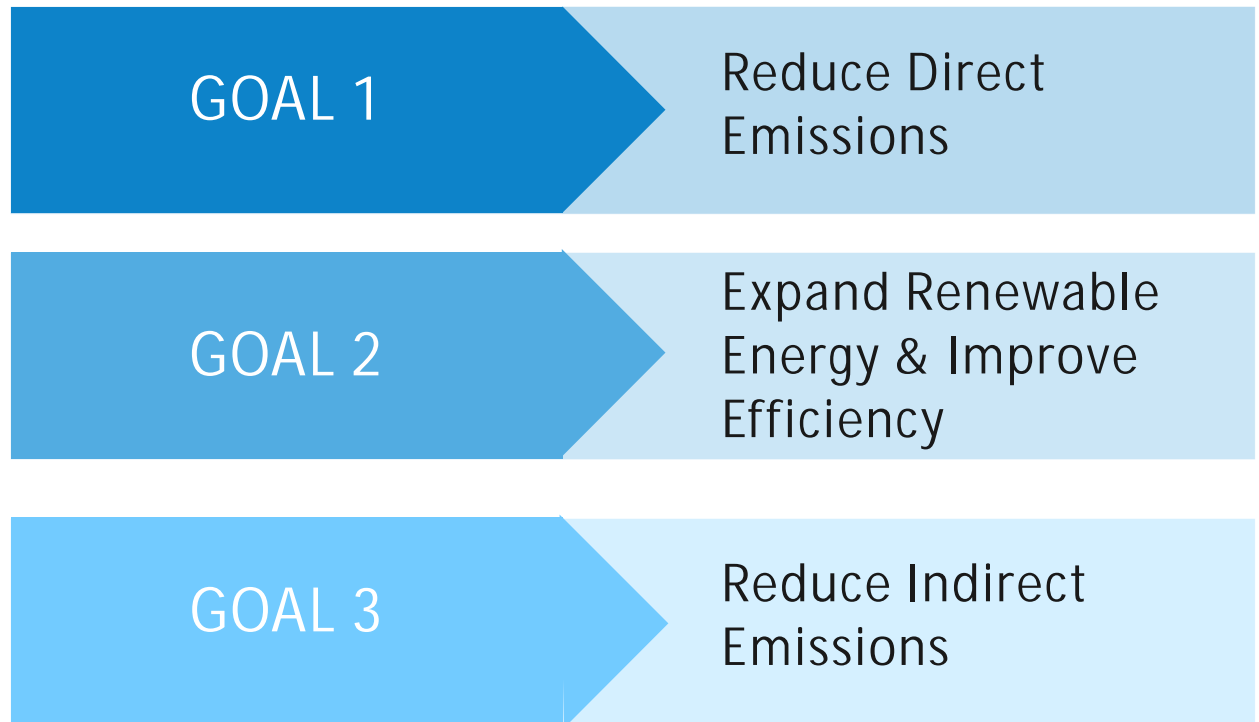
Valley Water's framework for climate change response

- Identifies vulnerabilities and assesses risk to water supply, flood protection, and stewardship objectives
- Presents climate change mitigation and adaptation strategies and actions to address risk
- Proposes an implementation program to measure and report progress

Timeline



CCAP Mitigation Goals



CCAP Adaptation Goals

GOAL 4

Water Supply
Adaptation

GOAL 5

Flood Protection
Adaptation

GOAL 6

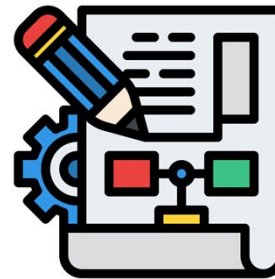
Ecosystem
Adaptation

GOAL 7

Emergency
Preparedness

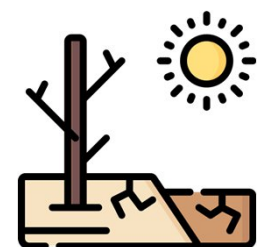
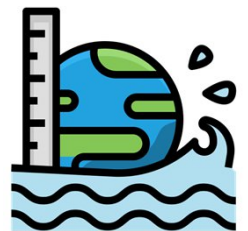
Implementation Progress

Since CCAP adoption in July 2021, staff has begun work on two key aspects of implementation



GHG Reduction Plan

Priority Adaptation
Actions and Metrics



GHG Reduction Plan

Overview

By preparing a GHG Reduction Plan, Valley Water will:

- Build on history of GHG accounting
- Inventory and mitigate additional GHG sources
- Set reduction targets aligned with State policy
- Enable CEQA streamlining



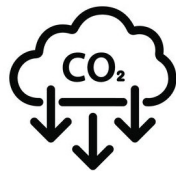
Source: US EPA

GHG Reduction Plan

Planning Process



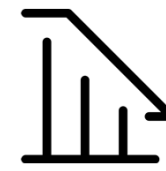
Data Collection



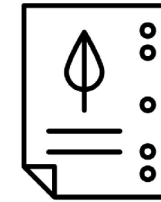
GHG Inventory



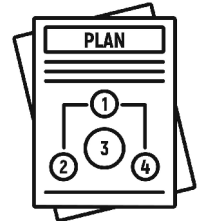
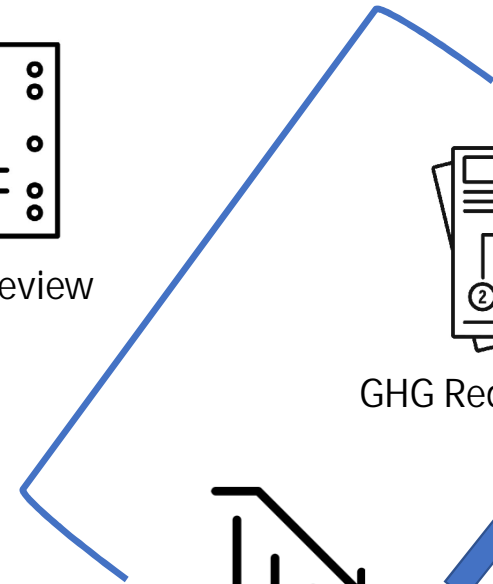
Emissions Forecast and
Target Setting



GHG Reduction
Measures



CEQA Review



GHG Reduction Plan



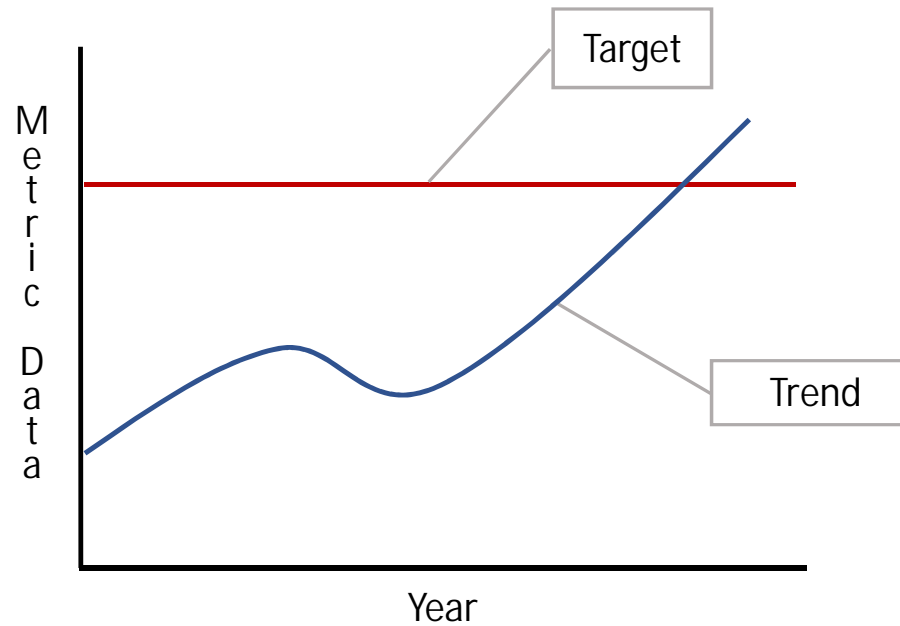
CCAP Adaptation Goals



Adaptation Metrics

Purpose of Metrics and Targets

- Metrics and targets established to measure implementation progress of CCAP actions



Adaptation Metric Development

CCAP Action Prioritization

- CCAP Actions prioritized as high, medium, and low priority based on these factors:



Cost



Co-Benefits



Effectiveness



Risk of Impact



Stakeholder Feedback

Flagship Metric Development

Action Types

- High-priority actions grouped according to action type

Water Supply Adaptation Action Types

Facility Maintenance
Local Water Supply
System Reliability
Stormwater
Water Conservation

Flood Protection Adaptation Action Types

Flood Risk Reduction
Facility Maintenance
Preparedness/Forecasting
Sea Level Rise
Stormwater

Ecosystem Adaptation Action Types

Habitat Connectivity
Land Use Collaboration
Tidal Ecotones
Water Quality
Stormwater

Flagship Metric Development

Action Types

- High-priority actions grouped according to action type

Water Supply Adaptation Action Types

Facility Maintenance
Local Water Supply
System Reliability
Stormwater
Water Conservation

Flood Protection Adaptation Action Types

Flood Risk Reduction
Facility Maintenance
Preparedness/Forecasting
Sea Level Rise
Stormwater

Ecosystem Adaptation Action Types

Habitat Connectivity
Land Use Collaboration
Tidal Ecotones
Water Quality
Stormwater

Flagship Metrics

Metric and Target Development

- Linking priorities to existing programs
- Establishing implementation actions
- Engaging subject matter experts



Flagship Metrics

Example Metric – Goal 4



Action	Status	Type	Draft Metric
4.2.4: Increase water conservation by methods such as encouraging climate appropriate landscapes	Expand	Water Conservation	Average annual water conservation savings

Action	Status	Type	Draft Metric
4.1.4: Expand on-site water reuse	Expand	Water Conservation	Average annual water conservation savings

Flagship Metrics

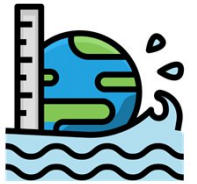
Metric Discussion – Goal 5



Action	Status	Type	Metric Brainstorming
5.3.3: Work with land use agencies to reduce vulnerability to flooding by minimizing development and prioritizing natural space in floodplains, such as through installing vegetated buffers along creeks and obtaining easements in priority areas for flood protection	Expand	Flood Risk Reduction	<p>Number of developed parcels subject to frequent flooding</p> <p>Educate municipalities on ways to protect against 100-year flood</p> <p>Alignment with Board governance policies outcome measures</p>

Flagship Metrics

Metric Discussion – Goal 5



Action	Status	Type	Metric Brainstorming
5.2.7 Ensure regional collaboration in rising sea level efforts by continuing engagement with regional efforts such as Adapting to Rising Tides, Coastal Hazards Resiliency Group (CHARG) and their One Bay Plan	Ongoing	Sea Level Rise	Funding allocated towards Shoreline Project from other entities

Flagship Metrics

Metric Discussion – Goal 6



Action	Status	Type	Metric Brainstorming
6.2.4 Implement actions related to ecosystem connectivity and resilience that are included in plans and programs such as the Stream Corridor Priority Plans (SCPP), the Stream and Watershed Protection Program, and One Water.	Expand	Habitat Connectivity	<p>Channel length with continuous riparian habitat</p> <p>Number of terrestrial wildlife corridor enhancement efforts</p> <p>Number of fish barriers</p>

QUESTIONS





Valley Water

Clean Water • Healthy Environment • Flood Protection

Goal	Action	Status	Type (Category)	Existing Program Linkage	Implementation Actions	Draft Metric
4	4.6.2 Develop asset maintenance (management) plans that incorporate climate change solutions and improve the reliability of aging water supply infrastructure.	Expand	Maintenance	Asset Management Operations & Maintenance Program	1. Develop climate change goals for water utility master plans. 2. In annual maintenance work planning, evaluate climate change needs for upcoming asset replacement and rehab projects	
4	4.6.5 Ensure that people, vehicles, and equipment can continue to access pipelines and other assets.	Ongoing	Maintenance	Water Utility Maintenance		
4	4.4.4. Enhance collaboration with wastewater agencies and publicly owned treatment works (POTWs) on source control and wastewater collection system maintenance to protect recycled water and groundwater	Expand	Local Supply	Recycled Water Program/Purified Water (P3) - Palo Alto/Mtn View - San Jose		Percent of local supply (water reuse, stormwater, and conservation) in overall portfolio
4	4.4.5. Conduct outreach to the public on water reuse and source water quality.	Expand	Local Supply	Communications Community Engagement Water Supply Master Plan		
4	4.1.3 Collaborate on water reuse research projects.	Ongoing	Local Supply	Water Supply Planning (desal) Recycled Water Program	1. Perform a feasibility study of a desalination project located in Santa Clara County 2. Recycled water?	
4	4.1.5. Resolve regulatory challenges to innovative local water solutions and increase coordination on alternative water uses.	Expand	Local Supply	Direct Potable Reuse (DPR) Flood-Managed Aquifer Recharge (MAR)	1. Continuing to work on adoption of Model Water Efficient New Development Ordinance (MWENDO) 2. Complete FloodMAR planning study 3. Continue to actively engage in state DPR regulation development	
4	4.6.1. Develop storage, recharge, and conveyance options that support climate change adaptation efforts and are climate resilient.	Expand	Reliability	Water Conservation and Planning Imported Water	1. Continuing the evaluation of Semitropic diversification approaches 2. Completing a planning study on improving recharge at San Pedro Ponds 3. Evaluating Lexington Pipeline	

Goal	Action	Status	Type (Category)	Existing Program Linkage	Implementation Actions	Draft Metric
4	4.1.7 Increase capture and infiltration of stormwater and floodwater. Implement green stormwater infrastructure projects to maximize runoff retention, including those identified in the Stormwater Resources Plans as having water supply benefits.	Expand	Stormwater	Santa Clara Stormwater Resources Plan South County Stormwater Resources Plan	1. Identify areas with multiple Green Stormwater Infrastructure (GSI) benefits such as water supply, water quality improvements, and flood risk reduction, while also considering benefits to Disadvantaged Communities (DACs) 2. Complete the FloodMAR planning study	Metric captured above as part of local supply.
4	4.1.8 Expand collaboration with stormwater agencies and South County stormwater permittees on green infrastructure and stormwater infiltration to ensure groundwater quality is protected.	Expand	Stormwater	Stormwater Resources Plans Land use-water coordination Groundwater Mgmt Plan		
4	4.1.4. Expand on-site reuse	Expand	Water Conservation	Water Supply Planning and Conservation	1. Implement Safe, Clean Water (SCW) activities such as fire station water reuse 2. Broaden participation in Valley Water's greywater program	Average annual water conservation savings
4	4.2.4 Increase water conservation by methods such as encouraging climate appropriate landscapes.	Expand	Water Conservation	Water Supply Planning and Conservation Ag water use baseline study Water Conservation Strategic Plan	1. Continue expanding Valley Water's conservation program.	

Goal	Action	Status	Type	Existing Program Linkage	Implementation Action?	Draft Metric
5	5.3.3 Work with land use agencies to reduce vulnerability to flooding by minimizing development and prioritizing natural space in floodplains, such as through installing vegetated buffers along creeks and obtaining easements in priority areas for flood protection.	Expand	Flood Risk Reduction	Community Projects Review Unit (CPRU)	1. Remind cities of guidelines and standards/encourage adoption 2. Develop training/education 3. Check in with cities through Land use-water meetings	Number of developed parcels subject to frequent flooding (25 years flood event) Educate municipalities/developers on ways to protect against 100 year flood
5	5.4.2 Develop planning and design procedures that incorporate climate change solutions for climate related flood impacts.	New	Flood Risk Reduction	Climate incorporated into design now.	1. Codify guidance on how to incorporate climate-related flooding (fluvial and tidal) into project planning and design	Alignment with VW Board governance policies (Ends) outcome measures
5	5.4.1.4. Create natural floodplain areas, stream-upland transition areas, and upland buffers around streams locally.	Ongoing	Flood Risk Reduction	Natural Flood Protection Partnerships such as VW-OSA partnership in Coyote Valley	1. Document climate benefits as a part of these efforts. 2. Document opportunities (coordination between One Water and CCAP)	
5	5.1.5 Expand procedures to plan and design capital projects for long-term stream resilience, including defining life-time costs, ensuring maintenance needs are defined and budgeted, ensuring documentation of mitigation and regulatory requirements, and training.	Ongoing	Flood Risk Reduction	Business Planning and Analysis Asset Management	1. Use SCW F8 workflow as a mechanism to ensure maintenance needs are met or larger issues are forwarded to Capital Improvement Program so that infrastructure remains resilient	
5	5.3.4 Continue to enhance monitoring and/or maintenance programs for levees and flood walls, such as through collaboration with local agencies and training Emergency Operations Center (EOC) staff about flooding risk areas.	Ongoing	Maintenance	Asset Management EAP-related?	1. Convey problem areas (locations not meeting level of service) from asset mgmt review to emergency response teams for EAPs/external coordination	100% of flood protection facilities are maintained to defined levels of protection Asset mgmt plans incorp section on climate change and potential impacts to assets
5	4.6.2 Develop asset maintenance/management plans that incorporate climate change solutions and sustain and improve the reliability of aging flood infrastructure. (Action moved from Goal 4).	Expand	Maintenance	Asset Management	1. Add section to asset mgmt plans that discusses climate change	Alignment with VW Board governance policies (Ends) outcome measures
5	4.6.3 Improve hydrologic forecasting to better adapt to changing hydrology and extremes. (Action moved from Goal 4).	New	Preparedness / Forecasting		1. Plan and implement quantitative precipitation forecast updates for 1 day and 3-7 day forecasts	1. Confident forecast on whether a storm will impact us in the next 3 to 7 days, as well as its relative strength 2. Accurate quantitative precipitation forecast (QPF) with rainfall amounts within the next 1 day

Goal	Action	Status	Type	Existing Program Linkage	Implementation Action?	Draft Metric
5	5.2.1. Continue to seek partnerships and expand coordination to enhance fluvial and coastal flood protection projects, consistent with the Natural Flood Protection (NFP) procedures, such as the South San Francisco Bay Shoreline Study, SFEI's Resilient by Design, and the South Bay Salt Pond Project.	Expand	Sea Level Rise (SLR)	Shoreline Study South Bay Salt Pond Restoration Protect	1. Share information with partners and receive information from partners on approaches to fluvial and coastal flood protection	Miles of shoreline protected/ over total shoreline levee length Percent of shoreline with SLR protection projects in design or construction
5	5.2.6 Install tidal gages to monitor and communicate rising sea levels.	Expand	SLR		1. Track existing gauges, determine need for new gauges, install new guages, and identify process for monitoring gauges	Percent of flood protection project near the bay that account for future sea level rise Metric should reflect regional collaboration
5	5.2.4 Design coastal and Baylands flood protection projects that respond to sea level rise (e.g. restoring coastal/ Baylands habitat, improving channel design and management as encouraged by SFEI Flood Control 2.0, etc.).	NEW	SLR	South Bay Salt Pond Restoration Protect Shoreline Study Palo Alto Tide Gates	1. Share information with partners and receive information from partners on approaches to fluvial and coastal flood protection	
5	5.2.2 Continue work on capital projects and coordination with cities to address sea level rise related flooding risks.	Ongoing	SLR		1. Implement CIP projects and ensure they consider climate change impacts	
5	5.2.7 Ensure regional collaboration in rising sea level efforts by continuing engagement with regional efforts such as Adapting to Rising Tides, Coastal Hazards Adaptation Resiliency Group (CHARG) and their One Bay Plan.	Ongoing	SLR	CHARG Bay Area Flood Protection Agency Association	1. Document regional efforts VW participates in, including CHARG	
5	5.4.8. Collaborate with local municipalities to incentivize green storm water infrastructure with benefits for flood attenuation.	New	Stormwater		1. Check in with cities through Land use-water meetings 2. Encourage cities to carry out GSI in disadvantaged communities 3. Plan in conjunction with FloodMAR	Number of municipalities with incentives for green storm water infrastructure Number of municipalities collaborated with

Goal	Action	Status	Type	Existing Program Linkage	Implementation Actions	Draft Metric
6	6.2.4 Implement actions related to ecosystem connectivity and resilience that are included in plans and programs such as the Stream Corridor Priority Plans (SCPP), the Stream and Watershed Protection Program, and One Water.	Expand	Habitat Connectivity	Stream Corridor Priority Plans, Stream and Watershed Protection Program, One Water, Safe Clean Water Priority D, Fish and Aquatic Habitat Collaborative Effort (FAHCE)	1. Track actions from plans and programs and propose for CIP, Small Caps, mitigation, and/or partner project as appropriate. 2. Continue to develop and/or update plans and programs to identify priorities for actions that can contribute to ecosystem connectivity and resilience.	Channel length with continuous riparian habitat (Improves the continuity of stream corridors and the amount and condition of riparian habitat and buffers around the stream with a goal to increase or maintain habitat to a minimum riparian width of 10 meters) Number of terrestrial wildlife corridor enhancement efforts
6	6.1.8. Continue to protect the climate resiliency of open spaces with regional partners, such as through collaboration with the Valley Habitat Agency, the Santa Clara County Open Space Authority, and the Mid-Peninsula Regional Open Space District.	Ongoing	Habitat Connectivity	Valley Habitat Plan Compliance Packages, Santa Cruz Mountain Stewardship Network		Fish passage metric
6	6.3.1 Continue and improve monitoring and land management activities to ensure preservation of conservation values throughout the county, particularly in the upper watershed.	Expand	Land Use Collaboration	SCW D5 monitoring SCW D2 (future - early detection rapid response for invasives) Stewardship and mitigation site monitoring Aquatic habitat and temperature monitoring Partner organization monitoring and management programs	1. Make note of climate change related items in large conservation land projects 2. Make note of climate change in D5 and D2 projects	Number of technical comments provided during review from VW Community Projects Review Unit Update manual to reflect climate action and outreach to partner agencies Metric on collaboration Monitor general plan updates (including housing elements) Alignment with VW Board governance policies (Ends) outcome measures
6	6.1.11 Collaborate with land use agencies and municipalities to improve watershed and flood plain management and related goals and activities that increase climate change adaptability.	Expand	Land Use Collaboration	CPRU projects Joint trail projects Countywide arundo removal project Land use-water meetings with cities	1. Check in with cities through Land use-water meetings 2. Encourage cities to include protected areas in their General Plans	
6	6.2.13. Update Valley Water Resource Protection Ordinance and Manual	Expand	Land Use Collaboration	CPRU		
6	6.2.1 Establish political and legal mechanisms for mutually beneficial inter-agency programs, plans, and projects that restore regional ecosystems.	Expand	Land Use Collaboration	San Francisco Bay Restoration Regulatory Integration Team CDFW Cutting the Green Tape Maintenance Agreements	1. Participate in regional efforts and local partnerships to protect and restore ecosystems	
6	5.2.3 Identify and pursue projects that increase the connectivity of coastal habitats and preserve the transition zone between the Bay's shoreline and streams' tidal zones, including wetland restoration and ecotone levees. (Action moved from Goal 5).	Expand	Tidal ecotones/ Transition Zones	Calabazas/San Tomas Creek-Marsh Reconnection Project Shoreline Project Priority D2 (invasive Spartina removal) South Bay Salt Pond Project	1. Implement projects in CIP and look for grant funding opportunities 2. Consider how Pond A4 fits in with tidal ecotones	
6	6.1.7 Continue to utilize excavated sediment to create and rehabilitate habitat, including ecotone levees in coastal areas.	Ongoing	Tidal ecotones/ Transition Zones	Stream Maintenance Program, South Bay Salt Pond Project D3	1. Determine ways to increase % of sediment reuse, including partnership with San Francisco Estuary Institute for grant funds	

Goal	Action	Status	Type	Existing Program Linkage	Implementation Actions	Draft Metric
6	4.5.4. Design and develop invasive species control strategies for Valley Water's facilities and conveyance structures that are specific to the target organism (e.g. quagga and zebra mussels). (Action moved from Goal 4).	Expand	Water Quality			Number of integrated strategies or plans to control specific target organisms for Valley Water's reservoirs, facilities, and conveyance structures
6	6.1.5. Monitor algal blooms in Valley Water's reservoirs and manage effectively using nutrient source reduction and/or in-reservoir treatment.	Expand	Water Quality		1. Consider development of a Harmful Algal Bloom (HAB) monitoring and response program for reservoirs.	
6	5.1.3 Design, build, and maintain multi-benefit green stormwater infrastructure as part of Valley Water projects, such as those identified in the Storm Water Resource Plans. (Action moved from Goal 5).	New	Stormwater	Santa Clara Stormwater Resources Plan South County Stormwater Resources Plan	1. Identify areas with multiple GSI benefits such as water supply, water quality improvements, and flood risk reduction, while also considering benefits to DACs	Increase stormwater capture to reduce runoff into nearby creeks. Number of Valley Water green stormwater infrastructure projects completed



Santa Clara Valley Water District

File No.: 22-0921

Agenda Date: 8/22/2022

Item No.: 4.2.

COMMITTEE AGENDA MEMORANDUM

Environmental and Water Resources Committee

SUBJECT:

South San Francisco Bay Shoreline Phase II Feasibility Study Update.

RECOMMENDATION:

Receive South San Francisco Bay Shoreline Phase II Feasibility Study Update.

SUMMARY:

Staff plans to provide the Committee information about the Shoreline Phase II Feasibility Study (Study).

This Study is a partnership with the U.S. Army Corps of Engineers (USACE), California State Coastal Conservancy, and regional stakeholders to provide tidal flood protection, restore and enhance tidal marsh and related habitats, and provide recreational and public access opportunities.

The Study focuses on Economic Impact Areas 1-4, from San Francisquito Creek in Palo Alto to the Charleston Slough/Permanente Creek in Mountain View.

ATTACHMENTS:

Attachment 1: PowerPoint Presentation

UNCLASSIFIED MANAGER:

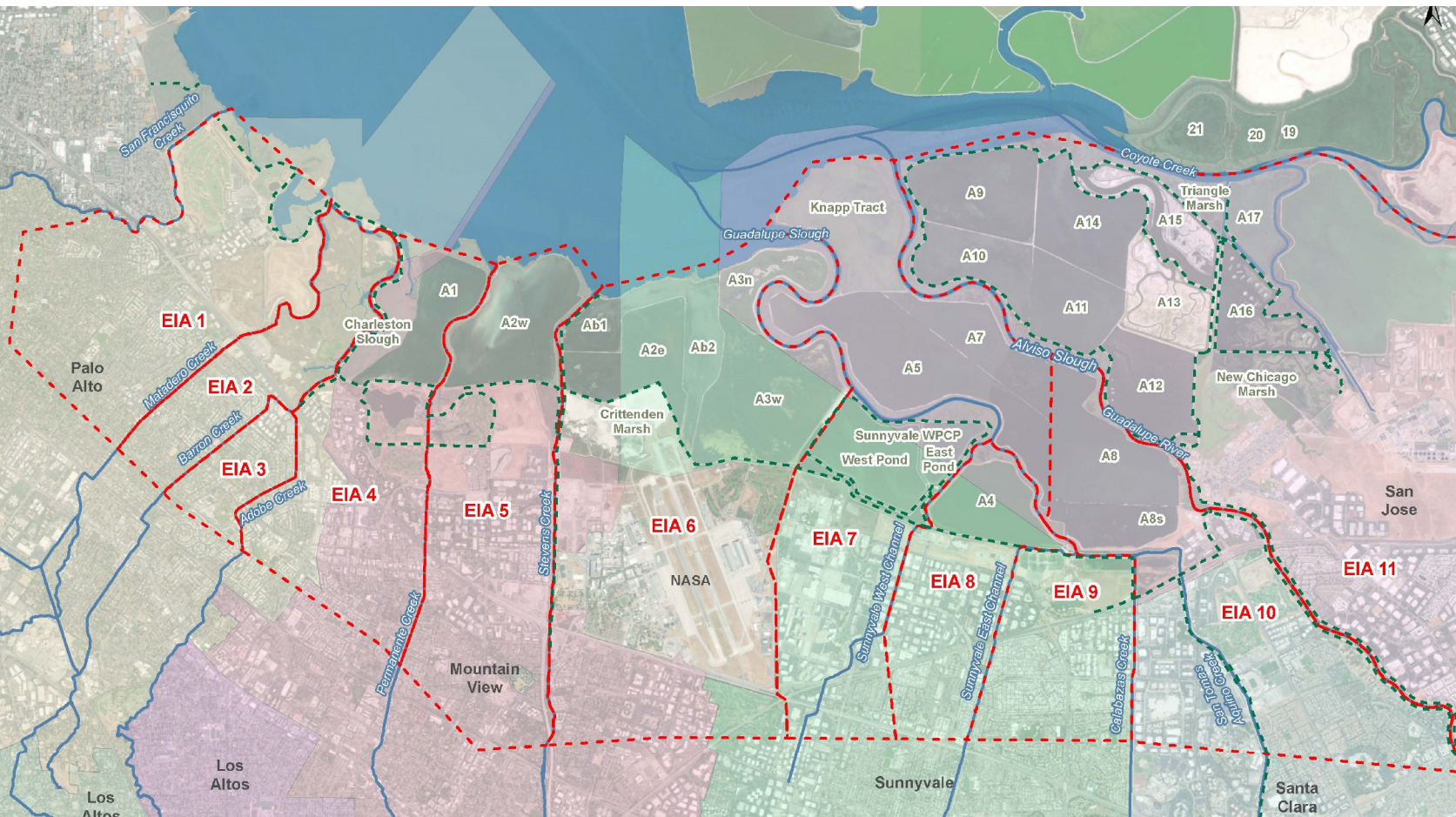
Bhavani Yerrapotu, 408-630-2735



South San Francisco Bay Shoreline Phase II Feasibility Study

Environmental and Water Resources Committee
August 22, 2022





Project Partners



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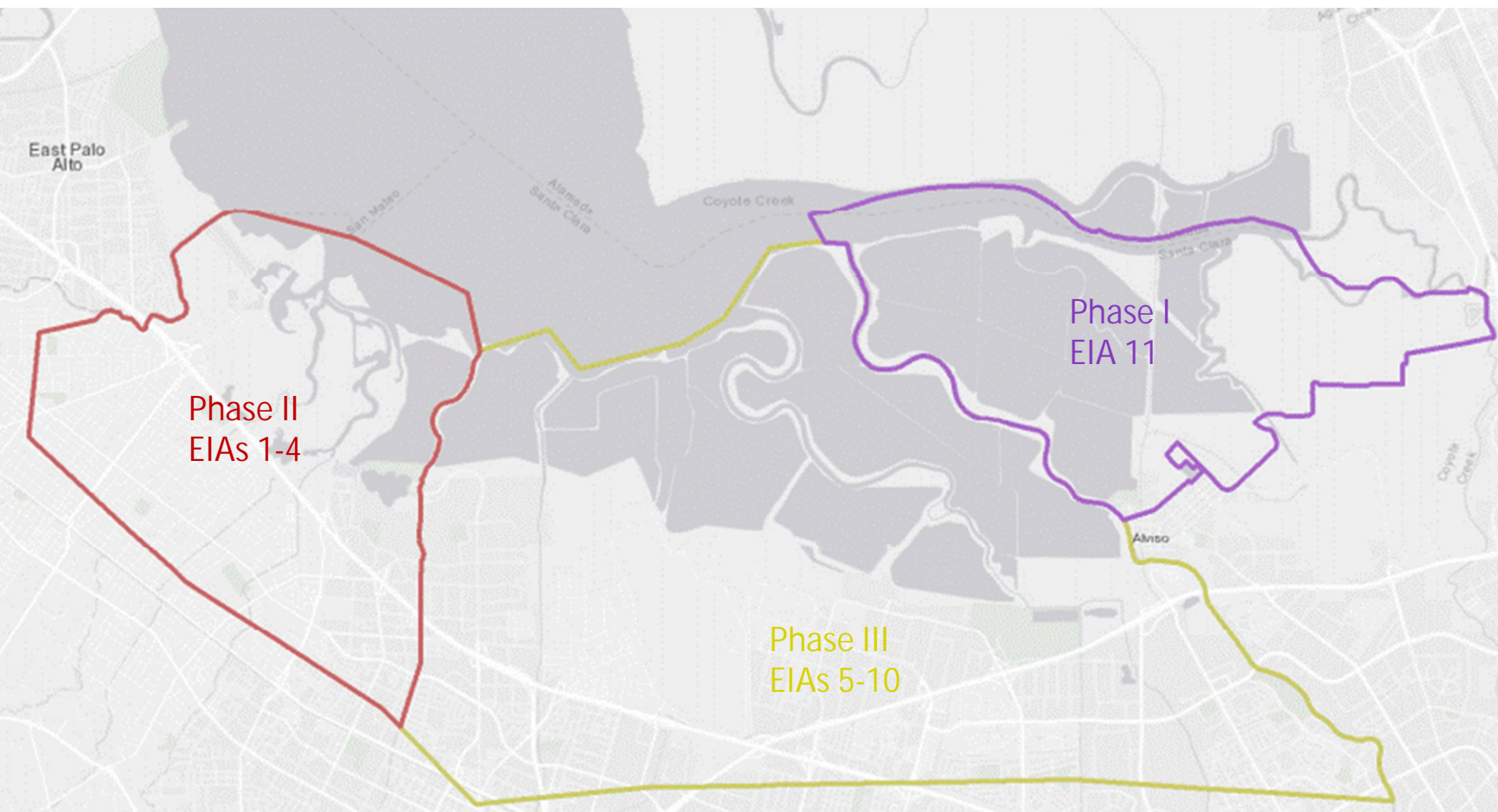
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South San Francisco Bay Shoreline Project



SHORELINE PHASE II STUDY

General Objectives

This is a dual-purpose feasibility study. The team will formulate alternatives that provide opportunities for:

- Coastal Storm Risk Management (CSRM), and
- Ecosystem Restoration.



Reduce coastal flood risks to Santa Clara County's low-lying shoreline area.



Provide adaptability to rising seas over a 50-year period.



Restore historic tidal marsh habitat that once existed along the bay's edge.



Provide recreational trails and public access opportunities to the bay.





Valley Water

Clean Water • Healthy Environment • Flood Protection

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Santa Clara Valley Water District

File No.: 22-0922

Agenda Date: 8/22/2022

Item No.: 4.3.

COMMITTEE AGENDA MEMORANDUM

Environmental and Water Resources Committee

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 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 2022 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	INTEGRATED WATER RESOURCES MANAGEMENT:			
Valley Water Staff Liaison: Brian Mendenhall, bmendenhall@valleywater.org, 1-408-630-3093		Tess Byler Charles Ice Loren Lewis Elizabeth Sarmiento	Elizabeth	4
2	WATER SUPPLY:			
Valley Water Staff Liaison: Jing Wu, jwu@valleywater.org, 1-408-630-2330		Hon. Steve Jordan Arthur M. Keller, Ph. D. Hon. Patrick S. Kwok Mike Michitaka Jim Piazza	Arthur	5
3	NATURAL FLOOD PROTECTION:			
Valley Water Staff Liaison: Afshin Rouhani, arouhani@valleywater.org, 1-408-630-2616		Bonnie Bambug Arthur M. Keller, Ph.D. Mike Michitaka Charles Taylor	Arthur	4
4	ENVIRONMENTAL STEWARDSHIP:			
Valley Water Staff Liaison: Lisa Porcella, lporcella@valleywater.org, 1-408-630-2741		Bob Levy Jim Piazza	Bob	2

FY 2022 EWRC Working Groups

PLEASE SIGN UP TODAY!

Working Group Number/Title	Member Name	Lead	Total Members
5	CLIMATE CHANGE:		
Valley Water Staff Liaison: Brian Mendenhall, bmendenhall@valleywater.org, 1-408-630-3093	Bob Levy Hon. Tara Martin-Milius Elizabeth Sarmiento Charles Taylor	Bob	4
Lead Member			
SPECIAL NOTES: See 2021 EWRC Working Group Restructure Guidelines. Members should limit the number of working groups they participate in because of possible Brown Act Violations (2-3 groups only). Please Note: You will be sharing your phone number and email address with the other members when signing up for a working group. When planning meetings, the Group Chair (Lead) should contact Glenna via email (gbrambill@valleywater.org) and John Bourgeois (jbourgeois@valleywater.org) with meeting date/time and location and how many members are expected to attend.			



Santa Clara Valley Water District

File No.: 22-0923

Agenda Date: 8/22/2022

Item No.: 4.4.

COMMITTEE AGENDA MEMORANDUM

Environmental and Water Resources Committee

SUBJECT:

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

RECOMMENDATION:

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

SUMMARY:

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

BACKGROUND:

Governance Process Policy-8:

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

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

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

ATTACHMENTS:

Attachment 1: EWRC 2022 Work Plan

UNCLASSIFIED MANAGER:

Candice Kwok-Smith, 408-630-3193

2022 Work Plan: Environmental and Water Resources Committee

Update: August 2022

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 2022.	January 24	<ul style="list-style-type: none"> Committee Elects Chair and Vice Chair for 2022 (Action) 	Accomplished January 24, 2022: 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	<ul style="list-style-type: none"> Review and approve 2021 Accomplishments Report for presentation to the Board. (Action) Submit requests to the Board, as appropriate. 	Accomplished January 24, 2022: 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	<ul style="list-style-type: none"> Receive information on the Drought Update. (Information) 	Accomplished January 24, 2022: 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	<ul style="list-style-type: none"> Receive updates on the status of the working groups. (Action) Submit requests to the Board, as appropriate. 	Accomplished January 24, 2022: The Committee received updates on Working Groups: Water Supply, Natural Flood Protection, Environmental Stewardship and Climate Change and took no action. Accomplished April 18, 2022 The Committee received updates on Working Groups: Environmental Stewardship, Climate

Yellow = Update Since Last Meeting

Blue = Action taken by the Board of Directors

Attachment 1
Page 1 of 6

2022 Work Plan: Environmental and Water Resources Committee

Update: August 2022

ITEM	WORK PLAN ITEM BOARD POLICY	MEETING DATE	INTENDED OUTCOME(S) (Action or Information Only)	ACCOMPLISHMENT DATE AND OUTCOME
				Change, and Integrated Water Resources Management and took no action.
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	<ul style="list-style-type: none"> Receive and review the 2022 Board-approved Committee work plan. (Action) Submit requests to the Board, as appropriate. 	<p>Accomplished January 24, 2022: The Committee received updates and reviewed the 2022 Board-approved Committee work plan and took no action.</p> <p>Accomplished April 18, 2022: The Committee received updates and reviewed the 2022 Board-approved Committee work plan and took no action.</p>
6	Standing Items Reports Fiscal Year 2022:	January 24 July 18	<ul style="list-style-type: none"> Receive quarterly reports on standing items. (Information) 	<p>Accomplished January 24, 2022: The Committee received updates and took no action.</p>
GOAL	STRATEGY	FY22 FOCUS AREAS		MONITORING COMMITTEE
INTEGRATED WATER RESOURCES MANAGEMENT	Strategy #1 Protect and maintain existing assets and infrastructure and advance new infrastructure projects.	<ul style="list-style-type: none"> Be strategic in managing existing flood protection assets consistent with the Safe Clean Water Program. Advance new infrastructure projects identified in the Asset Management Plan and Operations & Maintenance Plan. Increase engagement with cities on flood plain management, Community Rating System (CRS) program, and emergency action plans. 		Board Policy and Planning Committee (BPPC)
	Strategy #2 Pursue opportunities to improve internal capacity to acquire regulatory permits.	<ul style="list-style-type: none"> 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. Continue to foster better relationships with regulatory agencies and open dialogue with environmental, environmental justice and other stakeholders. Implement memorandum of understanding (MOU) with Regional Water Quality Control Board. 		BPPC
	Strategy #3 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"> Continue to apply strategies for effective outreach, engagement, and education. Continue to develop and refine metrics to understand and improve the return on investment (ROI) of outreach strategies. 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. 		Board of Directors

Yellow = Update Since Last Meeting

Blue = Action taken by the Board of Directors

Attachment 1
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2022 Work Plan: Environmental and Water Resources Committee

Update: August 2022

ITEM	WORK PLAN ITEM BOARD POLICY	MEETING DATE	INTENDED OUTCOME(S) (Action or Information Only)	ACCOMPLISHMENT DATE AND OUTCOME
			<ul style="list-style-type: none"> Engage directly with local government jurisdictions through joint meetings. 	
GOAL	STRATEGY	FY22 FOCUS AREAS		MONITORING COMMITTEE
WATER SUPPLY	Strategy #1 Actively Pursue New Water Supply and Storage Opportunities.	<ul style="list-style-type: none"> Explore opportunities to develop new surface and groundwater storage projects that align with Valley Water's mission. Determine level of participation for projects and decisions about partnerships in accordance with the Water Supply Master Plan and water affordability. Make decisions on the Pacheco Reservoir Expansion Project following review of the project's Environmental Impact Report (EIR). 		Water Storage Exploratory Committee (WSEC)
	Strategy #2 Actively Participate in decisions regarding the CA Delta Conveyance.	<ul style="list-style-type: none"> 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. 		Board of Directors
	Strategy #3 Lead Recycled and Purified Water Efforts with committed partners.	<ul style="list-style-type: none"> Advance the Expedited Purified Water Program by releasing a Request for Proposal (RFP) for at least one Locally Sponsored Project. Implement the Countywide Water Reuse Master Plan. Continue to monitor Direct Potable Reuse (DPR) guidance and implement actions as needed. Finalize negotiations on term sheet for South County recycled water and agreement on governance. 		Recycled Water Committee (RWC)
	Strategy #4 Advance Anderson Dam Seismic Retrofit Project.	<ul style="list-style-type: none"> Continue construction on the Anderson Dam Tunnel Project (ADTP). Continue to work with appropriate regulatory agencies to advance the ADSRP. Release for review the Draft Environmental Report for the ADSRP. 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). 		Capital Improvement Program (CIP) Stream Planning and Operations Committee (SPOC)
	Strategy #5 Promote Making Water Conservation a California Way of Life in Santa Clara County.	<ul style="list-style-type: none"> Increase communication and education outreach to promote Valley Water's water conservation programs to customers. Increase collaboration with retailers 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. 		Water Conservation and Demand Management Committee (WCaDMC)

Yellow = Update Since Last Meeting

Blue = Action taken by the Board of Directors

Attachment 1
Page 3 of 6

2022 Work Plan: Environmental and Water Resources Committee

Update: August 2022

GOAL	STRATEGY	FY22 FOCUS AREAS	MONITORING COMMITTEE
NATURAL FLOOD PROTECTION	Strategy #1 Plan, design and maintain flood protection projects with multiple benefits, including protecting ecosystem functions and enhancing habitat.	<ul style="list-style-type: none"> Continue to advance Shoreline EIA 11 levee construction. Finalize the One Water Coyote Creek Watershed plan and make significant progress on the Guadalupe and Pajaro watershed plans. Use a holistic approach to maintaining streams for flow conveyance and habitat enhancement. 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. 	CIP BPPC
	Strategy #2 Provide flood protection equitably in all regions of the County, prioritizing disadvantaged communities.	<ul style="list-style-type: none"> 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. Continue progress on flood protection capital projects consistent with Valley Water's commitment to the Safe, Clean Water Program and equitably in all regions. 	CIP BPPC
GOAL	STRATEGY	FY22 FOCUS AREAS	MONITORING COMMITTEE
ENVIRONMENTAL STEWARDSHIP	Strategy #1 Attain net positive impact on the environment when implementing flood protection and water supply projects.	<ul style="list-style-type: none"> 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. Ensure that stewardship efforts are integrated and not focused primarily on mitigation. 	BPPC
		<ul style="list-style-type: none"> 	
	Strategy #2 Promote the protection of creeks, bay, and other aquatic ecosystems from threats of pollution and degradation.	<ul style="list-style-type: none"> 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. 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). 	Homeless Encampment Committee (HEC) SPOC
	Strategy #3 Continue the Fisheries and Aquatic Habitat Collaborative Effort (FAHCE).	<ul style="list-style-type: none"> Continue implementation of feasibility studies, monitoring activities, and planning and construction of various fish passage improvements. Advance the Guadalupe River and Stevens Creek Environmental Impact Report (EIR) consistent with all stakeholder agreements. Develop a programmatic approach to implementing FAHCE settlement. Advance Adaptive Management Plan to encompass all three creeks. 	SPOC

Yellow = Update Since Last Meeting

Blue = Action taken by the Board of Directors

Attachment 1
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2022 Work Plan: Environmental and Water Resources Committee

Update: August 2022

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

GOAL	STRATEGY	FY22 FOCUS AREAS	MONITORING COMMITTEE
INTEGRATED WATER RESOURCES MANAGEMENT			
WATER SUPPLY			
NATURAL FLOOD PROTECTION			
ENVIRONMENTAL STEWARDSHIP			
CLIMATE CHANGE			

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Blue = Action taken by the Board of Directors

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2022 Work Plan: Environmental and Water Resources Committee

Update: August 2022

7	Received Updates on Fish and Aquatic Habitat Collaborative Effort (FAHCE)	April 18	<ul style="list-style-type: none"> Receive updates on Fish and Aquatic Habitat Collaborative Effort (FAHCE) (Action) 	Accomplished April 18, 2022: 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	<ul style="list-style-type: none"> Receive a presentation on the Drought Response Plan Update – Benchmark Study (Action) 	Accomplished April 18, 2022: 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	<ul style="list-style-type: none"> Receive a presentation on the One Water Plan - General Update and Upper Pajaro River Watershed Planning. (Action) 	Accomplished April 18, 2022: 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	<ul style="list-style-type: none"> Receive a presentation on the Climate Change Action Plan - Implementation Update and Adaptation Metrics (Action) 	
11	South San Francisco Bay Shoreline Phase II Feasibility Study Update	August 22	<ul style="list-style-type: none"> Receive a presentation on the South San Francisco Bay Shoreline Phase II Feasibility Study Update (Information) 	
12	Review FY2023 Board Work Plan	October 17	<ul style="list-style-type: none"> Review FY2023 Board Work Plan (Information) 	
13	Drought Response Plan - Vulnerability Assessment	TBD	<ul style="list-style-type: none"> Receive a presentation on the Drought Response Plan - Vulnerability Assessment (Information) 	
14	Homeless Encampments Update	TBD	<ul style="list-style-type: none"> Receive an update on the Homeless Encampments (Information) 	

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Santa Clara Valley Water District

File No.: 22-0924

Agenda Date: 8/22/2022

Item No.: 5.1.

COMMITTEE AGENDA MEMORANDUM

Environmental and Water Resources Committee

SUBJECT:

Standing Items Report.

RECOMMENDATION:

Standing Items Reports

This item allows the Environmental and Water Resources Committee to receive verbal or written updates and discuss the Board's Fiscal Year 2022 Work Plan Strategies. These items are generally informational; however, the Commission 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 the District mission, and to identify Board-related issues.

On August 2021, 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

FY2021-2022 BOARD WORK PLAN – STANDING ITEMS REPORT

June 2022

GOAL: INTEGRATED WATER RESOURCES MANAGEMENT	
Strategy 1:	Protect and maintain existing assets and infrastructure and advance new infrastructure projects.
Focus:	<ul style="list-style-type: none"> • Be strategic in managing existing flood protection assets consistent with the Safe Clean Water Program. • Advance new infrastructure projects identified in the Asset Management Plan and Operations and Maintenance Plan. • Increase engagement with cities on flood plain management, Community Rating System (CRS) program, and emergency action plans.
Updates:	<ul style="list-style-type: none"> • In March 2022, the California Department of Water Resources approved Valley Water's 2020 Urban Water Management Plan, which documents current and projected water supplies and demands over the next 25 years during normal and drought years, as well as shortage contingency planning and conservation efforts. • In March 2022, Valley Water's Office of Emergency Services met with staff from the City of San Jose and Santa Clara County to exercise the Joint Emergency Action Plan focusing on a potential flood event scenario on the Guadalupe River. • In May 2022, Valley Water participated in the 2022 Dam Sector Information Sharing Drill, a two-day dam security exercise hosted by the U.S. Department of Homeland Security's Cybersecurity and Infrastructure Security Agency (CISA). The purpose of the drill was to validate effectiveness of our emergency plans and procedures in the case of a terrorist threat targeting dams. • May 2022, Valley Water Board of Directors adopted the Fiscal Year 2023-2027 Five-Year Capital Improvement Program.
Strategy 2:	Pursue opportunities to improve internal capacity to acquire regulatory permits.
Focus:	<ul style="list-style-type: none"> • 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. • Continue to foster better relationships with regulatory agencies and open dialogue with environmental, environmental justice and other stakeholders. • Implement memorandum of understanding (MOU) with Regional Water Quality Control Board.
Updates:	<ul style="list-style-type: none"> • Valley Water continues to hold and participate in regular technical and permitting discussions with resource agencies for the Federal Energy Regulatory commission (FERC) Ordered Compliance Project (FOCP) and the Anderson Dam Seismic Retrofit Project. These meetings include bimonthly interagency meetings, monthly Technical Work Group meetings, regular technical sub-group meetings for instream design work, and several single agency meetings with National Marine Fisheries Service, California Department of Fish and Wildlife, U.S. Fish and Wildlife, CA State Water Resources Control Board, Regional Water Quality Control Board, and the U.S. Army Corps of Engineers.

Strategy 3:	Engage and educate the community, elected officials and staff on our management of water resources in Santa Clara County.
Focus:	<ul style="list-style-type: none"> Continue to apply strategies for effective outreach, engagement and education. Continue to develop and refine metrics to understand and improve the return on investment (ROI) of outreach strategies. 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. Engage directly with local government jurisdictions through joint meetings
Updates:	<ul style="list-style-type: none"> Since the Valley Water Board of Directors declared a drought emergency in June 2021, staff have provided regular monthly updates on water supply, groundwater conditions and water conservation efforts during Board Meetings. In February 2022, Valley Water's Board of Directors held a Joint Special Meeting with the City of Santa Clara. In March 2022, the Board led a series of advocacy meetings with officials in Washington D.C. to advocate for the funding and advancement of major Valley Water projects and priorities. In May 2022, the Board led Sacramento Legislative Days, a series of meetings with state public officials to advocate for the funding and advancement of major Valley Water projects and priorities. In Fiscal Year 2022 (FY22), Valley Water's Education Outreach Team have engaged over 6,600 students and educators and over 1,000 members of the public through virtual classroom presentations. In FY22, Valley Water's Water Supply Outreach Team have provided water infrastructure education and tours of the advanced water purification center to over 1,800 people.

GOAL: WATER SUPPLY	
Strategy 1:	Actively Pursue New Water Supply and Storage Opportunities.
Focus:	<ul style="list-style-type: none"> Explore opportunities to develop new surface and groundwater storage projects that align with Valley Water's mission. Determine level of participation for projects and decisions about partnerships in accordance with the Water Supply Master Plan and water affordability. Make decisions on the Pacheco Reservoir Expansion Project following review of the project's Environmental Impact Report (EIR).
Updates:	<ul style="list-style-type: none"> Valley Water released the Draft Environmental Impact Report (EIR) on the Pacheco Reservoir Expansion Project on November 17, 2021 and closed the public review period on February 15, 2022. In March 2022, the California Water Commission allocated an additional \$7.5 million to Valley Water's Pacheco Reservoir Expansion Project from the unallocated Proposition 1 bond funds remaining in the Water Storage Investment Program (WSIP). In March 2022, the Board authorized the CEO to execute an agreement for participation and a funding commitment for the Sites Reservoir Project.

Strategy 2:	Actively Participate in decisions regarding the CA Delta Conveyance.
Focus:	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.
Updates:	<ul style="list-style-type: none"> In April 2022, the Valley Water Board of Directors adopted a Resolution approving the funding of preliminary planning and design costs with the California Department of Water Resources (DWR) for the Delta Conveyance Project for calendar years 2023 and 2024. A draft Community Benefits Program Framework is now available on DWR's Delta Conveyance Project website. The Framework provides information on the steps DWR will take to plan and implement a Community Benefits Program separate from, and in addition to, mitigation required under environmental regulation and will be part of the upcoming Public Draft Environmental Impact Report.
Strategy 3:	Lead Recycled and Purified Water Efforts with committed partners.
Focus:	<ul style="list-style-type: none"> Advance the Expedited Purified Water Program by releasing a Request for Proposal (RFP) for at least one Locally Sponsored Project. Implement the Countywide Water Reuse Master Plan. Continue to monitor Direct Potable Reuse (DPR) guidance and implement actions as needed. Finalize negotiations on term sheet for South County recycled water and agreement on governance.
Updates:	<ul style="list-style-type: none"> In April 2022, the California Water Environment Association selected the Silicon Valley Advanced Water Purification Center as the 2021-2022 Tertiary Recycled Water Plant of the Year. In June 2022, the Board approved a consultant agreement for the Purified Water Project to provide additional project management resources through the entire procurement, design, and construction of the Project.
Strategy 4:	Advance Anderson Dam Seismic Retrofit Project.
Focus:	<ul style="list-style-type: none"> Continue construction on the Anderson Dam Tunnel Project (ADTP). Continue to work with appropriate regulatory agencies to advance the ADSRP. Release for review the Draft Environmental Report for the ADSRP. 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)
Updates:	<ul style="list-style-type: none"> In January 2022, the Board received a project update that the ADSRP cost would increase by \$589 million due to the extension of the construction schedule from 5 to 10 years, additional environmental and permitting related costs, design changes, dam safety regulator mandated modifications and previous undervaluation of project costs. Construction on the Anderson Dam Tunnel Project continues, and the ADTP received the remaining required phased project approvals from the California Division of Safety of Dams (DSOD) and Phase 3 approval from the Federal Energy Regulatory Commission. A Public Meeting on the Anderson Dam Project was held in June 2022 in Morgan Hill to give an update on construction efforts as well as provide the public an opportunity to ask questions.

Strategy 5:	Promote Making Water Conservation a California Way of Life in Santa Clara County.
Focus:	<ul style="list-style-type: none"> • Increase communication and educational outreach to promote Valley Water's water conservation programs to customers. • Increase collaboration with retailers 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.
Updates:	<ul style="list-style-type: none"> • In FY22, Valley Water's Landscape Rebate Program has received over 3,100 applications, over 1,600 reports of water waste, and over 8,700 orders for free water-saving devices. • In February 2022, Valley Water utilized social media "influencers" in a campaign for water conservation that reached over 720,000 people in multiple languages throughout the county. • In April 2022, Valley Water's Youth Commission launched their Drought Awareness Campaign Toolkit on the Commission's webpage to engage their peers about the ongoing drought in our region. • In May 2022, Valley Water launched the "Say YES to Saving Water" campaign, with multilingual ads running on using multiple social and traditional media channels, including ads on billboards, bus shelters, buses, and magnetic ads on Valley Water's fleet. • In May 2022, Valley Water's Board of Directors adopted an Ordinance to adopt drought outdoor water conservation enforcement measures, effective June 1, 2022.

GOAL: NATURAL FLOOD PROTECTION	
Strategy 1:	Plan, design and maintain flood protection projects with multiple benefits, including protecting ecosystem functions and enhancing habitat.
Focus:	<ul style="list-style-type: none"> • Continue to advance Shoreline EIA 11 levee construction. • Finalize the One Water Coyote Creek Watershed plan and make significant progress on the Guadalupe and Pajaro watershed plans. • Use a holistic approach to maintaining streams for flow conveyance and habitat enhancement. • 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.
Updates:	<ul style="list-style-type: none"> • In March 2022, the Board adopted the One Water Countywide Framework, which is a long-term plan for flood protection and environmental stewardship, incorporating water supply goals in the development of our watershed management plans. The Board also adopted the Coyote Creek Watershed Plan. • In April 2022, Valley Water hosted a groundbreaking ceremony to celebrate the first phase of the South San Francisco Bay Shoreline Project construction. • In May 2022, the Board accepted the completion of work for Phase 1 of the Upper Llagas Flood Protection Project, Milestones #1 and #2.

Strategy 2:	Provide flood protection equitably in all regions of the County, prioritizing disadvantaged communities.
Focus:	<ul style="list-style-type: none"> • 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. • Continue progress on flood protection capital projects consistent with Valley Water's commitment to the Safe, Clean Water Program and equity in all regions.
Updates:	<ul style="list-style-type: none"> • In November 2021, Valley Water's Board of Directors adopted a revised Ends Policy E-3: Flood Protection to "reduce risk and improve health and safety for residents, businesses, and visitors, now and into the future." • In March 2022, the Board adopted the One Water Countywide Framework and Coyote Creek Watershed Plan. The Framework directly addresses equity and environmental justice, prioritizing and reporting on actions impacting disadvantaged communities.

GOAL: ENVIRONMENTAL STEWARDSHIP	
Strategy 1:	Attain net positive impact on the environment when implementing flood protection and water supply projects.
Focus:	<ul style="list-style-type: none"> • 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. • Ensure that stewardship efforts are integrated and not focused primarily on mitigation.
Updates:	<ul style="list-style-type: none"> • In March 2022, the Board adopted the One Water Countywide Framework, which is a long-term plan for flood protection and environmental stewardship, incorporating water supply goals in the development of our watershed management plans. The Board also adopted the Coyote Creek Watershed Plan.
Strategy 2:	Promote the protection of creeks, bay, and other aquatic ecosystems from threats of pollution and degradation.
Focus:	<ul style="list-style-type: none"> • 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. • 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).
Updates:	<ul style="list-style-type: none"> • In May 2022, Valley Water hosted a National River Cleanup Day event at the Sanchez Ponds cleanup site with several other cleanup sites as part of this collaborative action with the Creek Connections Action Group. 596 Volunteers collected over 25K pound of trash over 36+ miles. • Through FY22 Q3, 861 cubic yards of trash and debris were cleaned up along Santa Clara County waterways during 120 litter cleanup events.

Strategy 3:	Continue the Fisheries and Aquatic Habitat Collaborative Effort (FAHCE)
Focus:	<ul style="list-style-type: none"> Continue implementation of feasibility studies, monitoring activities, and planning and construction of various fish passage improvements. Advance the Guadalupe River and Stevens Creek Environmental Impact Report (EIR) consistent with all stakeholder agreements. Develop a programmatic approach to implementing FAHCE settlement. Advance Adaptive Management Plan to encompass all three creeks.
Updates:	<ul style="list-style-type: none"> The Draft FAHCE Environmental Impact Report (EIR) was released for public comment and review from June 30, 2021 to October 15, 2021. Valley Water continues to categorize and analyze comments from resource agencies, Initialing Parties, California Department of Transportation, environmental groups and interested members of the public and are proceeding with preparing responses and identifying next steps for finalizing the EIR. Coordination of the Fish and Aquatic Habitat Collaborative Effort (FAHCE) and Anderson Dam Seismic Retrofit Project (ADSRP) remains an ongoing effort. This includes continuing monthly coordination and collaboration with the resource agencies and partners in support of federal and state permits for ADSRP. In March 2022, an update on the FAHCE Fish Monitoring Program was presented to Valley Water's Stream Planning and Operations Committee. The Fish Monitoring Program provides a better understanding of our watershed, helps to assess trends, and informs management decisions to protect important species and wildlife.

GOAL: BUSINESS MANAGEMENT	
Strategy 1:	Advance racial equity, diversity and inclusion.
Focus:	<ul style="list-style-type: none"> 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. Remain committed to environmental justice and the fair treatment and meaningful engagement of all people regardless of race, color, gender identity, disability status, national origin, tribe, culture, income, immigration status, or English language proficiency, with respect to the planning, projects, policies, services and operations of Valley Water.
Updates:	<ul style="list-style-type: none"> In January 2022, an "Environmental Justice Impact Statement" was added to all Board Agenda Memos to ensure that every item that goes to the Board takes into consideration environmental justice impacts. The Valley Water Board of Directors passed Resolutions observing the following: Recognizing February as African-American/Black History Month, Recognizing March as Women's History Month, Recognizing March as Irish-American Heritage Month, Declaring March 27-April 2 a Week of Public Service in honor of Cesar Chavez, Recognizing April as Middle Eastern North African Heritage Month, Recognizing May as Asian Pacific Islander Heritage Month, Recognizing May as Jewish American Heritage Month, Recognizing June as PRIDE Month, Recognizing June as National Caribbean-American Heritage Month, and Declaring June 19, 2022 as Juneteenth Independence Day, marking the end of slavery in the U.S.. Valley Water's Board of Directors and its Leadership Team completed baseline training in Diversity, Equity and Inclusion (DEI) and training on Unconscious Bias was offered to all staff. The Office of Racial Equity, Diversity and inclusion are spearheading efforts to develop a Diversity, Equity and Inclusion (DEI) Master Plan for Valley Water, with a draft report anticipated in the Summer of 2022.

Strategy 2:	Maintain appropriate staffing levels and expertise and ensure the safety of our staff.
Focus:	<ul style="list-style-type: none"> • Develop and finalize a long-term staffing strategy that aligns with future capital and operational needs. • Develop classification career ladders to provide understanding of requirements for professional growth. • Advance the development of a skilled trades apprenticeship program. • Maximize the safety of staff working in creeks, homeless encampments and Valley Water facilities, and continue to promote health & safety guidance to protect staff from public health emergencies and environmental impacts.
Updates:	<ul style="list-style-type: none"> • In January 2022, the Board adopted and executed a Project Labor Agreement (PLA) negotiated with the Santa Clara and San Benito Counties Building Trades Council. The PLA is a multi-union pre-hire agreement that governs wages, benefits, work rules, and other terms and conditions of employment at a construction site. • Valley Water successfully competed contract negotiations with its three bargaining unions for four-year terms. • In Fiscal Year 2022, Valley Water completed more than 200 recruitments, 107 of which were external new hires. • Valley Water continues to coordinate two Emergency Operations Center (EOC) Activations for COVID-19, and the Drought. All EOC efforts have been successful in maintaining Valley Water operations. The COVID-19 EOC activation continues to focus on maintaining employee and workplace safety as a priority.
Strategy 3:	Provide affordable and cost-effective level of services.
Focus:	<ul style="list-style-type: none"> • Continue to establish benchmarking with other agencies, particularly water agencies, in order to understand areas for improvement. • Research and identify best practices from other agencies around water affordability, particularly with disadvantaged communities. • Establish Valley Water as a statewide leader in conversations around water affordability.
Updates:	<ul style="list-style-type: none"> • Valley Water's Water Rate Assistance Program disbursed over half a million dollars to more than 1,000 households in Santa Clara County, in partnership with Sacred Heart Community Services. The Water Rate Assistance Program was renewed by the Board in April 2022 for another year with \$1M in additional funding. • In May 2022, the Board of Directors approved and adopted the Fiscal Year 2022-2023 Operating and Capital Budget, the first biennial budget brought to the Board in over 20 years.

GOAL: CLIMATE CHANGE	
Strategy 1:	Address future impacts of climate change to Valley Water's mission and operations.
Focus:	<ul style="list-style-type: none"> • Begin implementation of Climate Change Action Plan.
Updates:	<ul style="list-style-type: none"> • Since the Board's adoption of Valley Water's Climate Change Action Plan (CCAP), Valley Water is currently developing an agency-wide Greenhouse Gas (GHG) Reduction Plan. A team of consultants have been brought on to expand Valley Water's emissions inventory to account for additional GHG sources, develop innovative measures to reduce GHG emissions, and ultimately achieve net zero emissions. The GHG Reduction Plan will also include a review of GHG offset programs that Valley Water may utilize to offset GHG emissions from large capital projects.

