

July 8, 2021

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

<b><u>Jurisdiction</u></b>	<b><u>Representative</u></b>	<b><u>Representative</u></b>	<b><u>Representative</u></b>
District 1	Bonnie Bamburg	Loren Lewis	
District 2	Charles Ice	Elizabeth Sarmiento	
District 3	Hon. Dean Chu	Charles Taylor	
District 4	Susan Blake	Bob Levy	
District 5	Hon. Tara Martin-Milius	Mike Michitaka	
District 6	Hon. Patrick S. Kwok	Diego Mora Tejeda	Jim Piazza-pending Board confirmation July 13, 2021
District 7	Tess Byler	Arthur M. Keller, Ph.D.	Stephen A. Jordan

The regular meeting of the Environmental and Water Resources Committee is scheduled to be held on **Monday, July 19, 2021, at 6:00 p.m.** via Zoom Link:

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

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

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

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

Members with two or more consecutive unexcused absences will be subject to rescinded membership.

Please confirm your attendance **no later than Thursday, July 15, 2021, 4:30 p.m.** by contacting Ms. Glenna Brambill at 1-408-630-2408, or [gbrambill@valleywater.org](mailto:gbrambill@valleywater.org).

Enclosures

## Environmental and Water Resources Committee Meeting

ZOOM LINK:

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

Meeting ID: 944 0314 5442

One tap mobile

+16699009128,,94403145442# US (San Jose)

Dial by your location

+1 669 900 9128 US (San Jose)

Meeting ID: 944 0314 5442



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

**Teleconference-Via Zoom**

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

### **REGULAR MEETING AGENDA**

**Monday, July 19, 2021  
6:00 PM**

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

Bob Levy, Chair

Director Tony Estremera  
Director Nai Hsueh  
Director Linda J. LeZotte

During the COVID-19 restrictions, all public records relating to an open session item on this agenda, which are not exempt from disclosure pursuant to the California Public Records Act, that are distributed to a majority of the legislative body, will be available to the public through the legislative body agenda web page at the same time that the public records are distributed or made available to the legislative body, or through a link in the Zoom Chat Section during the respective meeting. Santa Clara Valley Water District will make reasonable efforts to accommodate persons with disabilities wishing to participate in the legislative body's meeting. Please advise the Clerk of the Board Office of any special needs by calling (408) 265-2600.

Mr. Vincent Gin  
Mr. Aaron Baker  
(Staff Liaisons)

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

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

**Santa Clara Valley Water District**  
**Environmental and Water Resources Committee**  
**REGULAR MEETING**  
**AGENDA**

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Monday, July 19, 2021

6:00 PM

Teleconference-Via Zoom

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**IMPORTANT NOTICES**

This meeting is being held in accordance with the Brown Act as currently in effect under the State Emergency Services Act, the Governor's Emergency Declaration related to COVID-19, and the Governor's Executive Order N-29-20 issued on March 17, 2020 that allows attendance by members of the Committee, staff, and the public to participate and conduct the meeting by teleconference, videoconference, or both.

Members of the public wishing to address the Committee during a video conferenced meeting on an item not listed on the agenda, or any item listed on the agenda, should use the "Raise Hand" tool located in Zoom meeting link listed on the agenda. Speakers will be acknowledged by the Committee Chair in the order requests are received and granted speaking access to address the Committee.

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

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



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

**Join Zoom Meeting:**  
**<https://valleywater.zoom.us/j/94403145442>**  
**Meeting ID: 944 0314 5442**  
**One tap mobile**  
**+16699009128,,94403145442# US (San Jose)**

**1. CALL TO ORDER:**

1.1. Roll Call.

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

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

**3. APPROVAL OF MINUTES:**

3.1. Approval of Minutes.

[21-0684](#)

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

Manager: Michele King, 408-630-2711

Attachments: [Attachment 1: 04192021 EWRC DRAFT Mins](#)

Est. Staff Time: 5 Minutes

**4. ACTION ITEMS:**

4.1. Election of Vice Chair.

[21-0710](#)

Recommendation: Elect Vice Chair.

Manager: Michele King, 408-630-2711

Est. Staff Time: 5 Minutes

4.2. Review FY2022 Board Work Plan. [21-0685](#)

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

Manager: Michele King, 408-630-2711

Attachments: [Attachment 1: FY22 Board Work Plan](#)

Est. Staff Time: 10 Minutes

4.3. Status of Environmental and Water Resources Committee's Working Groups. [21-0686](#)

Recommendation: Provide comments to the Board on implementation of Valley Water's mission applicable to working groups' recommendations.

Manager: Michele King, 408-630-2711

Attachments: [Attachment 1: FY2021 EWRC Working Groups Spreadsheet](#)  
[Attachment 2: FY2022 EWRC Working Groups 7-2-2021](#)

Est. Staff Time: 10 Minutes

4.4. Review Environmental and Water Resources Committee Work Plan, the Outcomes of Board Action of Committee Requests; and the Committee's Next Meeting Agenda. [21-0687](#)

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

Manager: Michele King, 408-630-2711

Attachments: [Attachment 1: 2021 EWRC Work Plan](#)

Est. Staff Time: 5 Minutes

**5. INFORMATION ITEMS:**

5.1. Standing Items Report. [21-0688](#)

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 2021 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: Michele King, 408-630-2711

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

Est. Staff Time: 5 Minutes

5.2. Climate Change Action Plan.

[21-0689](#)

Recommendation: Receive Information on the Climate Change Action Plan.

Manager: Lisa Bankosh, 408-630-2618  
Kirsten Struve, 408-630-3138

Attachments: [Attachment 1: Summary CAP Goals Strategies](#)  
[Attachment 2: PowerPoint Presentation](#)

Est. Staff Time: 15 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 Link

**8. ADJOURN:**

8.1. Adjourn to Regular Meeting at 6:00 p.m., on October 18, 2021, to be called to order in compliance with the State Emergency Services Act, the Governor's Emergency Declaration related to COVID-19, and the Governor's Executive Order N-29-20.





# Santa Clara Valley Water District

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**File No.:** 21-0684

**Agenda Date:** 7/19/2021  
**Item No.:** 3.1.

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## COMMITTEE AGENDA MEMORANDUM

### Environmental and Water Resources Committee

**SUBJECT:**

Approval of Minutes.

**RECOMMENDATION:**

Approve the April 19, 2021, Meeting Minutes.

**SUMMARY:**

A summary of Committee discussions, and details of all actions taken by the Committee, during all open and public Committee meetings, is transcribed and submitted for review and approval.

Upon Committee approval, minutes transcripts are finalized and entered into the District's historical records archives and serve as historical records of the Committee's meetings.

**ATTACHMENTS:**

Attachment 1: 04192021, EWRC Draft Meeting Mins.

**UNCLASSIFIED MANAGER:**

Michele King, 408-630-2711





ENVIRONMENTAL AND WATER RESOURCES COMMITTEE

# DRAFT MINUTES

**MONDAY, APRIL 19, 2021  
6:00 PM**

(Paragraph numbers coincide with agenda item numbers)

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

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

Chair Mr. Bob Levy called the meeting to order at 6:02 p.m. A quorum was established with 12 Members present.

Members in attendance were:

<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, Dean Chu	Rev. Jethroe Moore, II	Charles Taylor
District 4	Susan Blake	Bob Levy	
District 5	Hon. Tara Martin-Milius	Mike Michitaka	
District 6	Hon. Patrick S. Kwok	Diego Mora Tejeda	
District 7	Tess Byler*	Steve A. Jordan	Arthur M. Keller, Ph.D.

\*Committee Members arrived as indicated below.

Board member in attendance was: Director Nai Hsueh (Board Alternate).

Staff members in attendance were: Jennifer Abadilla, Aaron Baker, Lisa Bankosh, Glenna Brambill, John Bourgeois, Vincent Gin, Carmen Narayanan, Kirsten Struve, Darin Taylor and Greg Williams.

Guests in attendance were: Hon. Helen Chapman (Open Space Authority), Shani Kleinhaus (Santa Clara Valley Audubon Society), and Jane Mark (Mid-Peninsula Open Space District).

Public in attendance was: Jane Dresden.

\*Ms. Bonnie Bamburg logged on at 6:04 p.m.

\*Mr. Charles Ice and Ms. Elizabeth Sarmiento logged on at 6:05 p.m.

Attachment 1  
Page 1 of 6

## **2. PUBLIC COMMENT**

Ms. Shani Kleinhaus of the Santa Clara Valley Audubon Society commented on:

- Project moving slowly in San Jose by a group called the Urban Confluence that are modeling the project after the old light tower that killed score of birds (source from history) where the light attracted them to light beam/source. Building a massive 200 feet total light generator within 200' of the riparian corridor-confluence point of the Los Gatos Creek/Guadalupe Creek come together is not a good location. The lighting will interfere with wildlife movement, 20 story total light generator 'light pollution' is not good and in a riparian corridor is irresponsible. Another concern is the proximity to the airport which will also impact aircraft and migratory birds that fly at night attracted by the source of light. The Project is scheduled to go to the City Council in early May, and she is asking that interested parties say "no", to at least the lighting portion but prefers a "no" to the whole Project.

## **3. APPROVAL OF MINUTES**

### **3.1 APPROVAL OF MINUTES**

It was moved by Hon. Tara Martin-Milius, seconded by Rev. Jethroe Moore, II., and by roll call and unanimous vote carried, to approve the January 25, 2021, Environmental and Water Resources Committee meeting minutes as presented.

## **4. ACTION ITEMS**

### **4.1 DISCUSS PROPOSED FISCAL YEAR 2021-22 GROUNDWATER PRODUCTION CHARGES AND RECEIVE BOARD GUIDANCE**

Ms. Carmen Narayanan reviewed the materials as outlined in the agenda item.

\*Ms. Tess Byler logged on at 6:50 p.m.

The Environmental and Water Resources Committee discussed the following: SWP tax impact, water from SBA, Pacheco Reservoir Expansion Project, water storage, water retailers, agricultural rates, benchmarks, comparisons, debt service, inflation, cash flow, depreciation, Anderson Dam retrofit, 2020 no increase, Open Space credit continuing, and public hearings.

The Environmental and Water Resources Committee took the following action:

It was moved by Arthur M. Keller, Ph.D., seconded by Ms. Bonnie Bamberg, by roll call and majority vote (6 Yes/10 Nays) the Committee did not pass the motion to have the agricultural rate stay @ 10% M&I rate.

The Environmental and Water Resources Committee took the following action:

It was moved by Arthur M. Keller, Ph.D., seconded by Ms. Bonnie Bamberg, by roll call and majority vote (4 Yes/12 Nays) the Committee did not pass the motion to not to increase the SWP Tax (have it stay the same).

The Environmental and Water Resources Committee took the following action:

It was moved by Hon. Patrick S. Kwok, seconded by Hon. Dean Chu, by roll call majority vote (15 Yes/1 Nay) approved supporting staff's recommendation on the increase of the Municipal & industrial (M&I) rates for all Zones (W-2=9.6%, W-5=4.6%, W-7=10.3% and W-8=4.4%).

Attachment 1

Page 2 of 6



#### **4.2 PUBLIC TRAILS ON VALLEY WATER LANDS: POLICY CRITERIA AND GUIDANCE**

Ms. Lisa Bankosh reviewed the materials as outlined in the agenda item.

The Environmental and Water Resources Committee discussed the following: accessibility to stewardship, partnership/agencies-roles and responsibilities, multi-benefit project-permit processes, funding and maintenance of trails, security concerns with encampments, clean creeks, trails in neighbors' backyards without fencing, criteria and guidance, public outreach, stakeholder and focus meetings, City of Morgan Hill's letter (handout), trail grants, joint use agreements, CEQA, and strengthening guidance language.

Ms. Shani Kleinhaus of the Santa Clara Valley Audubon Society commented on:

- Agrees with strengthening the guidance language
- "Must"...serious or major disturbance is subjective with the impacts to birds seen in the region, subjective or only relative to CEQA endangered species declines in the most common species
- "as feasible" should use the word avoidance to make it strong which leads to having functional riparian corridors
- lighting up or down impacts the riparian/different species—look at wave lengths
- policy is needed and appreciates the work done by Valley Water staff (Lisa Bankosh and Sue Tippetts)

The Environmental and Water Resources Committee took the following action:

It was moved by Ms. Tess Byler, seconded by Ms. Elizabeth Sarmiento, by roll call unanimously voted to approve the Public Trails On Valley Water Lands:Policy Criteria And Guidance: and strengthening the language with a few suggested edits: page 100 (review word "*contiguous*", "*shall be/may be*" change to "*should be*", incorporate public comment, and adding public safety language.

✚ Footnote: The Committee received a letter from Mr. Chris Ghione (Public Works Director-City of Morgan Hill) for consideration on this agenda item.

Ms. Bonnie Bamburg logged off at 8:30 p.m.

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

Chair Bob Levy reviewed the following:

Dr. Arthur Keller reported on the Future Impacts of Climate Change Working Group #:

- Goal 1. More chargers for commuters (Goals 1.1 & 3.1) what % by when for metrics, Reduce emissions from concrete through alternatives (Goal 1, possibly 5),
- Goal 2. Renewable energy: go to 100% energy (Goal 2.1), Backup batteries instead of diesel generators (Goal 2.3, 2.2),
- Divest from fossil fuel investments (Goal 2.1),
- Goal 3. Eliminate fossil fuels from power supply (Goal 2.1, 2.2), Eliminate food waste to redirect from landfill {like Sunnyvale} (Goal 3.2),
- Goal 4. Water Reuse. increase flexibility and resilience,

- Goal 5. become a library for Alviso and other low-lying areas (Goal 5), protection of coastal areas when the Valley Water did Reach 6 or was it Reach 7, need to buy homes (Goal 5), Do not build in Baylands---stewardship of land and saltmarshes, (Goal 5), Eco-district for human interface with Bay. Habitat restoration at same time. As adding bike trails. Ref Portland, Oregon. Salt marsh, flood plain, in North end of Sunnyvale. (Goal 5 Pumped Hydro--Goal 5),
- Goal 6. Carbon sinks in soils within district for carbon offsets <https://bcarbon.org/> -- reference to ag in district Goal 6,
- Goal 7. Consider microgrid for local lands for continued operation when PG&E down. emergency preparedness.

Mr. Loren Lewis acknowledged and thanked Committee Chair Bob Levy for working with the Board to update the Working Groups and Tess Byler's prior work as the Groups are now able to be impactful and influence the reports for the Committee and Board.

Mr. Bob Levy and Ms. Susan Blake reported on Environmental Stewardship Working Group #8:

- Expanding opportunities for partnering with Cities and the County along with Santa Clara Valley Urban Run Off Pollutions and Preservation Program, West Valley Clean Creeks Program Authority, and West Valley Clean Creeks Coalition on an ongoing basis, coordinating creek clean ups on homeless encampments, anti-litter, storm drain treatment, and groundwater recharging
- Encourage that Valley Water news post on various Nextdoor Groups for a wider audience.

Mr. Steve Jordan reported on the Water Storage Exploratory Working Group #

- The group is attending the Water Storage Exploratory Committee meetings.

The Environmental and Water Resources Committee took no action.

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

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

The Environmental and Water Resources Committee took no action but would like information or updates on the following items: FAHCE (new committee called SPOC), recycled and purified water, homeless encampment strategies, and drought and future opportunities.

## **5. INFORMATION ITEMS**

### **5.1 STANDING ITEMS REPORT**

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

The Environmental and Water Resources Committee took no action.

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

Ms. Glenna Brambill reported there were two action items for Board consideration.

**Agenda Item 4.1**

The Environmental and Water Resources Committee took the following action by roll call majority vote (15 Yes/1 Nay) approved supporting staff's recommendation on the increase of the Municipal & industrial (M&I) rates for all Zones (W-2=9.6%, W-5=4.6%, W-7=10.3% and W-8=4.4%).

**Agenda Item 4.2**

The Environmental and Water Resources Committee took the following action by roll call unanimously voted to approve the Public Trails On Valley Water Lands: Policy Criteria And Guidance: and strengthening the language with a few suggested edits: page 100 (review word "*contiguous*", "*shall be/may be*" change to "*should be*", incorporate public comment, and adding public safety language.

**7. REPORTS**

**7.1 DIRECTOR'S REPORT**

Director Nai Hsueh reported on:

- The Climate Change Action Plan coming to the Committee in July.
- Water Conservation presentation to the Board on April 27, 2021.

**7.2. MANAGER'S REPORT**

Mr. Aaron Baker reported on:

- Water Conservation presentation to the Board on April 27, 2021.

**7.3 COMMITTEE MEMBER REPORTS**

None.

**7.4 INFORMATIONAL LINK REPORTS**

Place Committees' information as links.

**8. ADJOURNMENT**

Chair Bob Levy adjourned at 8:59 p.m. to the next regular meeting on Monday, July 19, 2021, at 6:00 p.m. to be called to order in compliance with the State Emergency Services Act, the Governor's Emergency Declaration related to COVID-19, and the Governor's Executive Order N-29-20.

Submitted by:

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

Approved:



# Santa Clara Valley Water District

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**File No.:** 21-0710

**Agenda Date:** 7/19/2021

**Item No.:** 4.1.

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## COMMITTEE AGENDA MEMORANDUM

### Environmental and Water Resources Committee

**SUBJECT:**

Election of Vice Chair.

**RECOMMENDATION:**

Elect Vice Chair.

**SUMMARY:**

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

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

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

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

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

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

**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 Advisory Committees, which bring respective expertise and

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

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

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

**ATTACHMENTS:**

None.

**UNCLASSIFIED MANAGER:**

Michele King, 408-630-2711



# Santa Clara Valley Water District

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**File No.:** 21-0685

**Agenda Date:** 7/19/2021

**Item No.:** 4.2.

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## COMMITTEE AGENDA MEMORANDUM

### Environmental and Water Resources Committee

**SUBJECT:**

Review FY2022 Board Work Plan.

**RECOMMENDATION:**

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

**SUMMARY:**

The attached Work Plan outlines the Board-approved topics for discussion to be able to prepare policy alternatives and implications for Board deliberation.

**BACKGROUND:**

On January 27, 2021, the Board conducted its annual planning session to refine goals and strategies for areas needing the Board's focus, engagement and monitoring during Fiscal Year 2021-2022 (FY22).

During the strategic planning session, the Board participated in a facilitated discussion and received staff recommendations for the FY22 Board Work Plan goals and strategies. After providing comments and feedback, the Board directed the Board Policy and Planning Committee (BPPC), to review the information collected and develop a draft FY22 Board Work Plan for Board review and approval.

On April 5, 2021, the BPPC met and provided input on the draft FY22 Board Work Plan, and the Board approved their work plan on April 27, 2021.

**ATTACHMENTS:**

Attachment 1: Board's 2021-2022 Work Plan

**UNCLASSIFIED MANAGER:**

Michele King, 408-630-2711







**FY 2021-22**

# **Board Work Plan**

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## Message from the Valley Water Board Chair

At the Santa Clara Valley Water District (Valley Water), we manage a complex water resource system that provides clean, safe water, flood protection and stewardship of streams and creeks to nearly 2 million residents and businesses here in Santa Clara County.

As part of our annual strategic planning process, my fellow board members and I have identified specific areas that we will be monitoring closely and engaging as necessary. As noted in our FY22 Board Work Plan, we will focus on new water storage opportunities as well as advancing major water supply facilities such as Anderson Dam and leading efforts in recycled and purified water. Additionally, we will continue to promote water conservation as a way of life in Santa Clara County. We will equitably prioritize funding to protect and maintain our flood protection assets. In all focus areas we will continue to engage the community and not lose sight of our environmental stewardship goals such as a net positive impact on the environment. We will also address impacts of climate change on our work. As policy makers for Valley Water we will engage through board committees and full board discussions to monitor progress in the focus areas highlighted in this plan.

Early 2021 has brought about unprecedented and challenging times for everyone. We want to assure the community that my fellow board members and I remain committed through policymaking to ensuring Valley Water remains a high performing organization.

I look forward to reporting our progress and hope you find this document informative.



**Tony Estremera**  
Board Chair  
Santa Clara Valley Water District



## Valley Water

Founded in 1929, the Santa Clara Valley Water District (Valley Water) is the primary water resources agency for Santa Clara County, with key water supply, water quality, flood protection, and environmental stewardship responsibilities.

## Valley Water Mission

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

## Values

1. Valley Water is entrusted to serve the public by carrying out its mission for the benefit of the community.
2. Valley Water is committed to providing excellent service to all customers.
3. All individuals are unique and important, and will be treated with fairness, dignity, and respect.
4. Valley Water takes pride in its work and is accountable to carry out its responsibilities safely with honesty and integrity.
5. Initiative, leadership, personal development, and training are vital for continuous improvement.
6. Open communication, cooperation, and teamwork are shared responsibilities and essential to the successful performance of Valley Water work.
7. Valley Water is committed to creating an inclusive work environment, which reflects and supports the diversity of the community and enriches our perspectives.
8. Valley Water strives to support a work culture and workplace environment that attracts and retains superior employees empowered to make decisions about, and take responsibility for, how they do their jobs.
9. Valley Water is committed to its employees and supports market-based competitive compensation that is equitable and rewards accomplishment and encourages high performance.
10. Valley Water is committed to sustaining a healthy work-life balance for its employees and places a high value on all the things that provide enrichment and fulfillment, including work and career, health and fitness, family and relationships, spirituality, community service, hobbies and passions, intellectual stimulation, rest and recreation.



# Board of Directors

The Santa Clara Valley Water District Board of Directors (Board) is comprised of seven members, each elected from equally-divided districts. Specific job outputs of the Board include connecting with the community in Santa Clara County, developing policies to further Valley Water’s mission, and monitoring the performance of the organization.

The Board governs with an emphasis on outward vision, encouragement of diversity in viewpoints, strategic leadership more than administrative detail, and proactivity rather than reactivity.

The Board meets twice a month on the second and fourth Tuesday. All meetings are open to the public and may be viewed online.



Left to right: Tony Estremera, District 6; Richard Santos, District 3; John L. Varela, District 1; Gary Kremen, District 7; Barbara Keegan, District 2; Nai Hsueh, District 5; Linda J. LeZotte, District 4

# Board Committees

The Board of Directors has established Board Committees to assist in performing its job. Committees meet regularly and are comprised of three members of the Board. Committee meetings are open to the public.

- Agricultural Water Advisory Committee
- Board Audit Committee
- Board Ethics and Conduct Committee
- Board Policy and Planning Committee
- Capital Improvement Program Committee
- Diversity and Inclusion Ad Hoc Committee
- Environmental and Water Resources Committee
- Homeless Encampment Committee
- Joint Water Resources Committee (City of Gilroy, City of Morgan Hill, and Valley Water)
- Joint Recycled Water Committee (City of Sunnyvale and Valley Water)
- Joint Recycled Water Policy Advisory Committee (City of San Jose, City of Santa Clara, and Valley Water)
- Joint Recycled Water Policy Committee (City of Palo Alto, City of East Palo Alto, City of Mountain View and Valley Water)
- Recycled Water Committee
- Redistricting Advisory Committee
- San Felipe Division Reach One Committee
- Santa Clara Valley Water Commission
- Stream Planning Operations Committee
- Water Conservation and Demand Management Committee
- Water Storage Exploratory Committee
- Santa Clara Valley Water District Youth Commission





# Purpose of the Board Work Plan

The primary purpose of the Board's FY2021-2022 Work Plan is to communicate with the public, community and stakeholders, the Board's strategic focus for the fiscal year and how it supports Valley Water's mission and long-term goals and objectives.

To perform its job, the Board established long-term goals and objectives (also known as Board Governance Policies – see Appendix A) for each of Valley Water's core business areas (Water Supply, Natural Flood Protection, and Environmental Stewardship). Annually, the Board conducts planning sessions to develop strategies to accomplish the goals and objectives.

As part of their annual strategic planning process, the Board evaluates their goals, strategies, challenges and opportunities and identifies the specific areas requiring engagement and monitoring for the upcoming fiscal year. The Board outlines their focus areas and processes for monitoring progress in the Board Work Plan.

Throughout the year, the Board reviews and provides input and direction on Valley Water's budget, Capital Improvement Program, and other program and master plans, to ensure there is funding and support to enable staff to accomplish Valley Water's mission.

All strategy implementation is monitored by the Board through Executive Limitation requirements (see Appendix A), staff development of programs and plans, assigned Board Committee work, and Board Appointed Officer performance evaluations.



# FY 2021-22 Board Goals & Work Plan Strategies



## Integrated Water Resources Management

- Protect and maintain existing assets and infrastructure and advance new infrastructure projects.
- Pursue opportunities to improve internal capacity to acquire regulatory permits.
- Engage and educate the community, elected officials and staff on our management of water resources in Santa Clara County.



## Water Supply

- Actively Pursue New Water Supply and Storage Opportunities.
- Actively Participate in decisions regarding the CA Delta Conveyance.
- Lead Recycled and Purified Water Efforts with committed partners.
- Advance Anderson Dam Seismic Retrofit Project.
- Promote Making Water Conservation a California Way of Life in Santa Clara County.



## Natural Flood Protection

- Plan, design and maintain flood protection projects with multiple benefits, including protecting ecosystem functions and enhancing habitat.
- Provide flood protection equitably in all regions of the County, prioritizing disadvantaged communities.



## Environmental Stewardship

- Attain net positive impact on the environment when implementing flood protection and water supply projects.
- Promote the protection of creeks, bay, and other aquatic ecosystems from threats of pollution and degradation.
- Continue the Fisheries and Aquatic Habitat Collaborative Effort (FAHCE).



## Business Management

- Advance racial equity, diversity and inclusion.
- Maintain appropriate staffing levels and expertise and ensure the safety of our staff.
- Provide affordable and cost-effective level of services.



## Climate Change

- Address future impacts of climate change to Valley Water's mission and operations.





# GOAL: INTEGRATED WATER RESOURCES MANAGEMENT

Strategy 1	Protect and maintain existing assets and infrastructure and advance new infrastructure projects.
Challenge/ Opportunity	The development and maintenance of Valley Water’s infrastructure is crucial to ensuring we continue to provide safe, clean water and critical flood protection for our communities. Timely maintenance is the most cost-effective investment, whereas deferred maintenance disproportionately increases costs. In addition, aging assets are reaching the end of the design life and will require major recapitalization.
Focus	<ul style="list-style-type: none"> <li>• Be strategic in managing existing flood protection assets consistent with the Safe Clean Water Program.</li> <li>• Advance new infrastructure projects identified in the Asset Management Plan and Operations &amp; Maintenance Plan.</li> <li>• Increase engagement with cities on flood plain management, Community Rating System (CRS) program, and emergency action plans.</li> </ul>
Monitoring	Board Planning and Policy Committee
Related Staff Plans	Watersheds & Water Utility Five-year Operations and Maintenance Plans District-wide Asset Management Plan Watershed Asset Management Plan Safe, Clean Water and Natural Flood Protection Program Capital Improvement Program





## INTEGRATED WATER RESOURCES MANAGEMENT

Strategy 2	Pursue opportunities to improve internal capacity to acquire regulatory permits.
Challenge/ Opportunity	Valley Water continues to pursue legislative and administrative solutions to resolve regulatory and permitting issues at the federal and state levels. The Board's efforts will continue to focus on improving internal capacity when applying for permits, as well as continuing to build relationships with regulatory agencies and staying abreast of the regulatory environment.
Focus	<ul style="list-style-type: none"><li>• Continue to provide for agency-wide regulatory planning and permitting effort and pursue other efforts at the state and federal level to expedite permit review.</li><li>• Continue to foster better relationships with regulatory agencies and open dialogue with environmental, environmental justice and other stakeholders.</li><li>• Implement memorandum of understanding (MOU) with Regional Water Quality Control Board.</li></ul>
Monitoring	Board Policy and Planning Committee
Related Staff Plans	One Water Plan







## INTEGRATED WATER RESOURCES MANAGEMENT

Strategy 3	Engage and educate the community, elected officials and staff on our management of water resources in Santa Clara County.
Challenge/ Opportunity	A reliable supply of clean water is necessary for the social, economic, and environmental wellbeing of Santa Clara County. Valley Water must effectively communicate with the public on our management of water resources around several key issues including: the cost of water, the public perception of costs of different types of water, how to effectively implement our water supply strategies into the future, as well as our flood protection and environmental stewardship efforts.
Focus	<ul style="list-style-type: none"><li>• Continue to apply strategies for effective outreach, engagement and education.</li><li>• Continue to develop and refine metrics to understand and improve the return on investment (ROI) of outreach strategies.</li><li>• Continue increasing efforts to educate the public about the mix of different types of water in Valley Water's portfolio, as well as our flood protection and environmental stewardship efforts.</li><li>• Engage directly with local government jurisdictions through joint meetings.</li></ul>
Monitoring	Board of Directors
Related Staff Plans	Water Supply Master Plan Countywide Water Reuse Master Plan





# GOAL: WATER SUPPLY

Strategy 1	Actively Pursue New Water Supply and Storage Opportunities.
Challenge/ Opportunity	Water storage capacity is an important tool for Valley Water for capturing lower-value water for higher-value uses later. Such storage aids water supply, flood protection, and recreational uses and helps regulate downstream water quality and supply cold water flows for fish. As such, water storage is important for both human and environmental objectives and must fit within a large and diverse water and environmental portfolio. Challenges include determining the appropriate level of participation for Valley Water and prioritizing sites within funding limitations across all projects.
Focus	<ul style="list-style-type: none"> <li>▪ Explore opportunities to develop new surface and groundwater storage projects that align with Valley Water’s mission.</li> <li>▪ Determine level of participation for projects and decisions about partnerships in accordance with the Water Supply Master Plan and water affordability.</li> <li>▪ Make decisions on the Pacheco Reservoir Expansion Project following review of the project’s Environmental Impact Report (EIR).</li> </ul>
Monitoring	Water Storage Exploratory Committee
Related Staff Plans	Water Supply Master Plan







## WATER SUPPLY

Strategy 2	Actively Participate in decisions regarding the CA Delta Conveyance.
Challenge/ Opportunity	As much as 40 percent of the water Santa Clara County uses each year comes through the Delta. But the Delta's aging network of earthen levees faces risks from rising seas, earthquakes and flooding, while the declining conditions for fish and wildlife have led regulators to put more restrictions on when water can move through the Delta. Participation in modernizing the delta conveyance is necessary to protect water supply in Santa Clara County and to restore the Delta for fish and wildlife.
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.
Monitoring	Board of Directors
Related Staff Plans	Water Supply Master Plan





## WATER SUPPLY

Strategy 3	Lead Recycled and Purified Water Efforts with committed partners.
Challenge/ Opportunity	Recycled and purified water continue to play a key role in the long-term sustainability of Santa Clara County's water supplies. Identifying and working with the appropriate agencies within the County to negotiate and execute expanding the use of non-potable water and the production and use of advanced purified water is a high priority. Opportunities exist to expand Valley Water's Silicon Valley Advanced Water Purification Facility. However, challenges include resolving previously identified issues of land, securing contractual rights to wastewater, treated wastewater quality and declining flows at treatment plants, and reverse osmosis concentrate management.
Focus	<ul style="list-style-type: none"><li>▪ Advance the Expedited Purified Water Program by releasing a Request for Proposal (RFP) for at least one Locally Sponsored Project.</li><li>▪ Implement the Countywide Water Reuse Master Plan.</li><li>▪ Continue to monitor Direct Potable Reuse (DPR) guidance and implement actions as needed.</li><li>▪ Finalize negotiations on term sheet for South County recycled water and agreement on governance.</li></ul>
Monitoring	Recycled Water Committee
Related Staff Plans	Water Supply Master Plan Countywide Water Reuse Master Plan







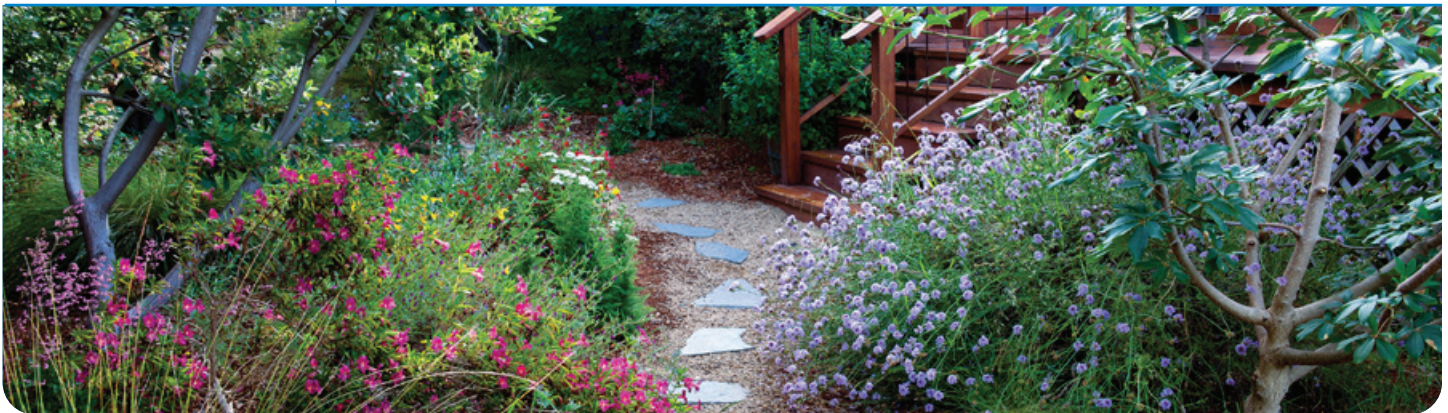
## WATER SUPPLY

Strategy 4	Advance Anderson Dam Seismic Retrofit Project.
Challenge/ Opportunity	As our largest reservoir, Anderson serves not only as a critical water supply facility, but also supports Valley Water’s mission of flood protection and environmental stewardship. Given the reservoir’s critical importance to ensuring safe, clean water for our communities and to protect public safety, it is imperative that the Anderson Dam Seismic Retrofit Project (ADSRP) move forward proactively.
Focus	<ul style="list-style-type: none"><li>• Continue construction on the Anderson Dam Tunnel Project (ADTP).</li><li>• Continue to work with appropriate regulatory agencies to advance the ADSRP.</li><li>• Release for review the Draft Environmental Report for the ADSRP.</li><li>• Continue to educate and engage the public, key stakeholders, decision makers, and elected officials of the project progress and construction timeline.</li><li>• Coordinate long term ADSRP operations with the Fisheries and Aquatic Habitat Collaborative Effort (FAHCE).</li></ul>
Monitoring	Capital Improvement Program Committee Stream Planning and Operations Committee
Related Staff Plans	Safe, Clean Water and Natural Flood Protection Program Fish Habitat Restoration Plan Coyote Feasibility Study Water Supply Master Plan Capital Improvement Program





Strategy 5	Promote Making Water Conservation a California Way of Life in Santa Clara County.
Challenge/ Opportunity	Water conservation is an essential component in providing a reliable water supply and Valley Water has set a water conservation goal for annual water savings of 99,000 acre-feet (AF) by 2030 and 109,000 AF by 2040. Water conservation is amongst the most cost-effective water supply investments over short- and long-term planning horizons. As Valley Water faces challenges from climate change and drought, water conservation will continue to be amongst the most effective tools for short-term behavioral change and long-term water conservation investments within the community. Opportunities exist to leverage resources to provide a consistent level of customer service and program participation commensurate with water supply conditions.
Focus	<ul style="list-style-type: none"><li>▪ Increase communication and education outreach to promote Valley Water's water conservation programs to customers.</li><li>▪ Increase collaboration with retailers to promote Valley Water's water conservation programs.</li><li>▪ Implement new water conservation programs and engagement strategies identified within the Water Conservation Strategic Plan.</li><li>▪ Engage and support private-sector stakeholders, local, state, and federal agencies that promote water conservation.</li></ul>
Monitoring	Water Conservation and Demand Management Committee
Related Staff Plans	Water Conservation Strategic Plan Water Supply Master Plan Safe, Clean Water and Natural Flood Protection Program







# GOAL: NATURAL FLOOD PROTECTION

<b>Strategy 1</b>	<b>Plan, design and maintain flood protection projects with multiple benefits, including protecting ecosystem functions and enhancing habitat.</b>
<b>Challenge/ Opportunity</b>	Valley Water has the opportunity, as well as the responsibility, to sustain ecosystem health while managing local water resources for flood protection and water supply. Valley Water must operate its facilities and implement projects by taking a multi-beneficial approach that balances providing a safe, clean water supply, and improving flood protection for the community, while creating a sustainable ecosystem.
<b>Focus</b>	<ul style="list-style-type: none"> <li>• Continue to advance Shoreline EIA 11 levee construction.</li> <li>• Finalize the One Water Coyote Creek Watershed plan and make significant progress on the Guadalupe and Pajaro watershed plans.</li> <li>• Use a holistic approach to maintaining streams for flow conveyance and habitat enhancement.</li> <li>• Complete construction of Phase I of the Upper Llagas Flood Protection Project, a multi-benefit project providing flood protection while restoring habitat and benefiting the environmental ecosystem.</li> </ul>
<b>Monitoring</b>	Capital Improvement Program Committee Board Policy and Planning Committee
<b>Related Staff Plans</b>	One Water Plan Safe, Clean Water and Natural Flood Protection Program





## NATURAL FLOOD PROTECTION

Strategy 2	Provide flood protection equitably in all regions of the County, prioritizing disadvantaged communities.
Challenge/ Opportunity	As Valley Water continues to advance flood protection projects, the Board has an opportunity to strengthen relationships and improve coordination with conservation and environmental justice groups, as well as other local jurisdictions, with a specific focus on ensuring the voices of disadvantaged communities are equitably represented.
Focus	<ul style="list-style-type: none"><li>• Advance One Water Countywide Framework in a comprehensive manner that includes diverse community-wide stakeholders and the incorporation of environmental justice policies in all planning efforts.</li><li>• Continue progress on flood protection capital projects consistent with Valley Water's commitment to the Safe, Clean Water Program and equitably in all regions.</li></ul>
Monitoring	Capital Improvement Program Committee Board Policy and Planning Committee
Related Staff Plans	One Water Plan Safe, Clean Water and Natural Flood Protection Program







# GOAL: ENVIRONMENTAL STEWARDSHIP

<b>Strategy 1</b>	<b>Attain net positive impact on the environment when implementing flood protection and water supply projects.</b>
<b>Challenge/ Opportunity</b>	Valley Water’s projects and programs encourage integrated planning to ensure capital improvements, operations, and maintenance activities are balanced with environmental stewardship goals. Valley Water strives to protect and restore habitats to support native species throughout Santa Clara County.
<b>Focus</b>	<ul style="list-style-type: none"> <li>▪ As part of the One Water Countywide Framework planning process, continue to develop an integrated water resource plan for each watershed, including appropriate metrics to monitor Valley Water’s impacts on and benefit to the environment.</li> <li>▪ Ensure that stewardship efforts are integrated and not focused primarily on mitigation.</li> </ul>
<b>Monitoring</b>	Board Policy and Planning Committee
<b>Related Staff Plans</b>	One Water Plan Climate Change Action Plan





## ENVIRONMENTAL STEWARDSHIP

Strategy 2	Promote the protection of creeks, bay, and other aquatic ecosystems from threats of pollution and degradation.
Challenge/ Opportunity	Valley Water continues to coordinate with local cities and agencies to improve the health of our local waterways, including pollution prevention and addressing threats to water quality. Opportunities exist to further collaborate with the county, cities and social services agencies on encampment abatement efforts and to develop long-term solutions for the homeless to keep our creeks clean.
Focus	<ul style="list-style-type: none"><li>▪ Continue efforts to protect the ecosystem and water quality of our water bodies and the integrity of our infrastructure. Such efforts include preventing stormwater pollution, increased implementation of green stormwater infrastructure, addressing mercury pollution, and homeless encampment clean ups.</li><li>▪ Continue partnerships and investments on a regional scale such as the South Bay Salt Pond Restoration and Santa Clara Valley Urban Runoff Pollution Prevention Program (SCVURPPP).</li></ul>
Monitoring	Homeless Encampment Committee Stream Planning and Operations Committee
Related Staff Plans	One Water Plan Santa Clara Valley Urban Runoff Pollution Prevention Program Stormwater Resource Plan Safe, Clean Water and Natural Flood Protection Program







## ENVIRONMENTAL STEWARDSHIP

Strategy 3	Continue the Fisheries and Aquatic Habitat Collaborative Effort (FAHCE).
<b>Challenge/ Opportunity</b>	For nearly 20 years, Valley Water has been working to resolve a water rights complaint surrounding fish, wildlife, water quality, and other beneficial uses in Coyote Creek, the Guadalupe River, and Stevens Creek. Challenges include obtaining federal and state permits from multiple regulatory agencies, refining and processing water rights change petitions, the technical complexity of the fisheries impacts analysis, and managing stakeholder expectations.
<b>Focus</b>	<ul style="list-style-type: none"> <li>• Continue implementation of feasibility studies, monitoring activities, and planning and construction of various fish passage improvements.</li> <li>• Advance the Guadalupe River and Stevens Creek Environmental Impact Report (EIR) consistent with all stakeholder agreements.</li> <li>• Develop a programmatic approach to implementing FAHCE settlement.</li> <li>• Advance Adaptive Management Plan to encompass all three creeks.</li> </ul>
<b>Monitoring</b>	Stream Planning and Operations Committee
<b>Related Staff Plans</b>	Fish Habitat Restoration Plan One Water Plan Coyote Feasibility Study





# GOAL: BUSINESS MANAGEMENT

Strategy 1	Advance racial equity, diversity and inclusion.
Challenge/ Opportunity	Valley Water is committed to providing a work environment that is diverse, inclusive, free of discrimination and harassment, and that provides equal opportunity employment. In addition, Valley Water aims to implement the same values around racial equity, diversity and inclusion in the community through its flood protection, water supply, and environmental stewardship projects.
Focus	<ul style="list-style-type: none"> <li>▪ Begin implementation of best practices to address internal and external disparities and build an organizational culture consistent with the Board's Resolution addressing racial equity, diversity and inclusion.</li> <li>▪ Remain committed to environmental justice and the fair treatment and meaningful engagement of all people regardless of race, color, gender identity, disability status, national origin, tribe, culture, income, immigration status, or English language proficiency, with respect to the planning, projects, policies, services and operations of Valley Water.</li> </ul>
Monitoring	Diversity & Inclusion Ad Hoc Committee
Related Staff Plans	Racial Equity, Diversity & Inclusion Master Plan (under development)







## BUSINESS MANAGEMENT

Strategy 2	Maintain appropriate staffing levels and expertise and ensure the safety of our staff.
Challenge/ Opportunity	The Board recognizes that Valley Water’s workforce is the critical component to accomplishing its mission and all the goals and strategies in this work plan. As such, the Board remains committed to supporting the recruitment of capable employees with knowledge and subject matter expertise, investing in staff training to meet changing skills and capacity needs, and establishing the necessary policies and guidance that ensure employee safety.
Focus	<ul style="list-style-type: none"> <li>• Develop and finalize a long-term staffing strategy that aligns with future capital and operational needs.</li> <li>• Develop classification career ladders to provide understanding of requirements for professional growth.</li> <li>• Advance the development of a skilled trades apprenticeship program.</li> <li>• Maximize the safety of staff working in creeks, homeless encampments and Valley Water facilities, and continue to promote health &amp; safety guidance to protect staff from public health emergencies and environmental impacts.</li> </ul>
Monitoring	Diversity & Inclusion Ad Hoc Committee
Related Staff Plans	Long-term Staffing Master Plan (under development)





## BUSINESS MANAGEMENT

Strategy 3	Provide affordable and cost-effective level of services.
Challenge/ Opportunity	<p>The Board understands that it needs to regularly evaluate the financial status of the organization to ensure the level of services provided are reasonable and cost effective. As such, continued research is necessary to pursue feasible revenue sources allowed by the District Act in order to deliver affordable and effective services while controlling expectations with regard to what Valley Water can achieve and what it can afford to do. In addition, the affordability of water continues to be a major issue faced by communities across the nation, particularly disadvantaged communities. The Board has an opportunity to raise issues around water affordability at local and statewide levels and advocate for changes that benefit disadvantaged communities.</p>
Focus	<ul style="list-style-type: none"><li>• Continue to establish benchmarking with other agencies, particularly water agencies, in order to understand areas for improvement.</li><li>• Research and identify best practices from other agencies around water affordability, particularly with disadvantaged communities.</li><li>• Establish Valley Water as a statewide leader in conversations around water affordability.</li></ul>
Monitoring	<p>Financial Sustainability Working Group Board Audit Committee</p>
Related Staff Plans	<p>Operating and Capital Budget Board and Management Audit Reports</p>







## GOAL: CLIMATE CHANGE

Strategy 1	Address future impacts of climate change to Valley Water's mission and operations.
Challenge/ Opportunity	Valley Water's ability to fulfill its missions may be challenged in the future by the potential of warmer temperatures, changing weather patterns, reduced snowpack and rising sea levels. Valley Water has been working on greenhouse reduction efforts since 2008, but seeks to do more to understand, mitigate and adapt to the future impacts of climate change.
Focus	Begin implementation of Climate Change Action Plan.
Monitoring	Board Policy and Planning Committee
Related Staff Plans	Climate Change Action Plan



## Appendix A

### Board Governance Policies/Long-Term Goals and Objectives

The Board has adopted **Board Governance Policies** which describe how the board conducts its business, what they have directed the Board Appointed Officers (BAO) to accomplish, and constraints on the BAOs that establish prudent and ethical boundaries within which all activity and decisions must take place.

A full list of the Board Governance Policies can be found here: <https://www.valleywater.org/how-we-operate/board-governance-policies>

Ends Policies, also referred to as **Long Term Goals and Objectives**, provide direction to the BAOs to accomplish Valley Water's mission.

### Long Term Goals and Objectives



#### Water Supply Long-Term Goals

**Goal 1:** Current and future water supply for municipalities, industries, agriculture, and the environment is reliable.

##### Objectives

- a. Aggressively protect groundwater from the threat of contamination and maintain and develop groundwater to optimize reliability and to minimize land subsidence and salt water intrusion.
- b. Protect, maintain and develop local surface water.
- c. Protect, maintain, and develop imported water.
- d. Protect, maintain, and develop recycled water.
- e. Maximize water use efficiency, water conservation, and demand management opportunities.
- f. Prepare for and respond effectively to water utility emergencies.

**Goal 2:** Raw water transmission and distribution assets are managed to ensure efficiency and reliability.

##### Objective

- a. Raw water transmission and distribution assets are managed to ensure efficiency and reliability.

## Long Term Goals and Objectives *Continued*

**Goal 3:** Reliable high quality drinking water is delivered.

### Objectives

- a. Meet or exceed all applicable water quality regulatory standards.
- b. Maintain effective relationships with the retailer and other stakeholders to ensure high quality, reliable drinking water.



### Natural Flood Protection Long-Term Goals and Objectives

**Goal 1:** Provide natural flood protection for residents, businesses, and visitors.

### Objectives

- a. Protect parcels from flooding by applying an integrated watershed management approach that balances environmental quality and protection from flooding.
- b. Preserve flood conveyance capacity and structural integrity of stream banks, while minimizing impacts on the environment and protecting habitat values.

**Goal 2:** Reduce potential for flood damages.

### Objectives

- a. Promote the preservation of flood plain functions.
- b. Reduce flood risks through public engagement.
- c. Prepare and respond effectively to flood emergencies countywide to protect life and property.



### Environmental Stewardship Long-Term Goals and Objectives

**Goal 1:** Protect and restore creek, bay, and other aquatic ecosystems.

### Objectives

- a. Preserve creeks, bay, and ecosystems through environmental stewardship.
- b. Improve watersheds, streams, and natural resources.
- c. Promote the protection of creeks, bay, and other aquatic ecosystems from threats of pollution and degradation.
- d. Engage and educate the community in the protection of water quality and stream stewardship.
- e. Prepare and respond to emergencies that threaten local waterways.
- f. To the extent within practicable control of the District, adopt a strategy to restore the salmonid fishery on identified salmonid streams within 15 years of strategy adoption by creating suitable accessible spawning and rearing habitats.

## Long Term Goals and Objectives *Continued*

**Goal 2:** Improved quality of life in Santa Clara County through appropriate public access to trails, open space, and District facilities.

### **Objectives**

- a. Support healthy communities by providing access to additional trails, parks, and open space along creeks and in the watersheds.
- b. Support healthy communities by providing appropriate public access to District facilities.

**Goal 3:** Strive for zero net greenhouse gas emission or carbon neutrality.

### **Objective**

- a. Reduce greenhouse gas emissions to achieve carbon neutrality by 2020

## **Business Management**



**Executive Limitations (EL)**, provide boundaries to the CEO and BAOs in which all executive activity and decisions must take place. Executive Limitations have been established in the following areas:

EL-1 General Principles

EL-2 Customer Relations

EL-3 Human Resources

EL-4 Financial Management

EL-5 Procurement

EL-6 Asset Protection

EL-7 Communication and Support to the Board

EL-8 Inclusion, Equal Employment Opportunity, Discrimination/Harassment Prevention, and Diversity

# Appendix B

## Staff Program Plans and Master Plans

Program plans and master plans are developed by staff to achieve the Board's long-term goals and objectives in relation to Valley Water's mission and overall business management.

Below is a list of program and master plans that have been referenced in the Board Work Plan. Other plans not listed below can be obtained by contacting the Office of the Clerk of the Board at (408) 630-2277.

- Capital Improvement Program  
<https://www.valleywater.org/how-we-operate/five-year-capital-improvement-program>
- Climate Change Action Plan  
<https://www.valleywater.org/your-water/water-supply-planning/climate-change-action-plan>
- Countywide Water Reuse Master Plan  
<https://www.valleywater.org/your-water/recycled-and-purified-water>
- Management and Board Audit Reports  
<https://www.valleywater.org/board-audit-committee-audit-reports>
- One Water Plan  
<https://www.valleywater.org/your-water/one-water-plan>
- Operating and Capital Budget  
<https://www.valleywater.org/how-we-operate/financebudget>
- Racial Equity, Diversity and Inclusion Master Plan  
<https://www.valleywater.org/how-we-operate/about-the-water-district/diversity-and-inclusion-program>
- Safe, Clean Water and Natural Flood Protection Program  
<https://www.valleywater.org/safecleanwater>
- Santa Clara Valley Urban Runoff Pollution Prevention Program  
<https://scvurppp.org/>
- Stormwater Resource Plan  
<https://scvurppp.org/swrp/docs-maps/>
- Water Supply Master Plan  
<https://www.valleywater.org/your-water/water-supply-planning/water-supply-master-plan>

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# Valley Water

Clean Water • Healthy Environment • Flood Protection

Santa Clara Valley Water District  
5750 Almaden Expressway, San José, CA 95118-3686  
Phone: (408) 265-2600 Fax: (408) 266-0271  
[www.valleywater.org](http://www.valleywater.org)





# Santa Clara Valley Water District

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**File No.:** 21-0686

**Agenda Date:** 7/19/2021

**Item No.:** 4.3.

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## COMMITTEE AGENDA MEMORANDUM

### Environmental and Water Resources Committee

**SUBJECT:**

Status of Environmental and Water Resources Committee's Working Groups.

**RECOMMENDATION:**

Provide comments to the Board on implementation of Valley Water's mission applicable to working groups' recommendations.

**SUMMARY:**

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

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

This will be a standing agenda item.

**BACKGROUND:**

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

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

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

**ATTACHMENTS:**

Attachment 1: FY2021 EWRC Working Groups Spreadsheet  
Attachment 2: FY2022 EWRC Working Groups Spreadsheet

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

## FY 2021 EWRC Independent Working Groups

Working Group Number/Title	Member Name	Lead	Total Members
<b>WATER SUPPLY:</b>			
1. Actively Pursue Efforts to Increase Water Storage Opportunities. (Assigned to Water Storage Exploratory Committee) <b>{Board Strategy 1}</b>	Steve Jordan Hon. Dean J. Chu Tess Byler	S. Jordan	3
2. Actively Participate in Decisions Regarding the California Delta Conveyance. (Assigned to California Delta Conveyance Working Group) <b>{Board Strategy 2}</b>	Mike Michitaka Arthur M. Keller, Ph.D.		2
3. Lead Recycled and Purified Water Efforts with the City of San Jose and Other Agencies. (Assigned to Recycled Water Committee) <b>{Board Strategy 3}</b>	Hon. Patrick S.Kwok Charles Ice	P. Kwok	2
4. Engage and educate the community, elected officials and staff on future water supply strategies in Santa Clara County. (Assigned to Water Conservation and Demand Management Committee) <b>{Board Strategy 4}</b>	Diego Mora Tejeda Arthur M. Keller, Ph.D. Charles Ice	A. Keller	3
5. Advance Anderson Dam Seismic Retrofit Project. (Assigned to Capital Improvement Program Committee) <b>{Board Strategy 5}</b>	Hon. Patrick S. Kwok Tess Byler	P. Kwok	2
<b>NATURAL FLOOD PROTECTION:</b>			
6. Protect and maintain existing assets and infrastructure. (Assigned to Board Policy and Planning Committee) <b>{Board Strategy 1}</b>	Tess Byler Mike Michitaka Elizabeth Sarmiento		3
7. Pursue opportunities to improve internal capacity to acquire regulatory permits. (Assigned to Board Policy and Planning Committee) <b>{Board Strategy 2}</b>			

## FY 2021 EWRC Independent Working Groups

Working Group Number/Title	Member Name	Lead	Total Members
<b>ENVIRONMENTAL STEWARDSHIP:</b>			
8. Attain net positive impact on the environment when implementing flood protection and water supply projects. <i>(Assigned to Board Policy and Planning Committee)</i> {Board Strategy 1}	Susan Blake Bob Levy	S. Blake	2
9. Promote the protection of creeks, bay, and other aquatic ecosystems from threats of pollution and degradation (Homeless encampment strategies assigned to Homeless Encampment Committee) {Board Strategy 2}	Diego Mora Tejeda Charles Taylor Bob Levy	B. Levy	3
10. Continue the Fisheries and Aquatic Habitat Collaborative Effort. <i>(Assigned to Stream Planning and Operations Committee (SPOC) formerly FAHCE Committee)</i> {Board Strategy 3}			
<b>BUSINESS MANAGEMENT:</b>			
11. Advance Diversity and Inclusion. <i>(Assigned to Diversity and Inclusion Ad Hoc Committee and the Full Board)</i> {Board Strategy 1}	Charles Taylor Loren Lewis Elizabeth Sarmiento		3
12. Maintain Appropriate Staffing Levels and Expertise <i>(Assigned to Diversity and Inclusion Ad Hoc Committee and the Full Board)</i> {Board Strategy 2}			
13. Provide Affordable and Cost-Effective Level of Services <i>(Assigned to Financial Sustainability Group)</i> {Board Strategy 3}			



## FY 2021 EWRC Independent Working Groups

Working Group Number/Title	Member Name	Lead	Total Members
<b>CLIMATE CHANGE:</b>			
14. Address Future Impacts of Climate Change to Valley Water's Mission and Operations. <i>(Assigned to Board Policy and Planning Committee and the Full Board)</i> {Board Strategy 1}	Arthur M. Keller, Ph.D. Hon. Tara Martin-Milius Charles Taylor	A. Keller	3
Lead Member			
<p><b>SPECIAL NOTES:</b></p> <p>See 2019 EWRC Independent Working Group Guidelines.</p> <p>Members should limit the number of working groups they participate in because of possible Brown Act Violations (2-3 groups only).</p> <p>Please Note: You will be sharing your phone number and email address with the other members when signing up for a working group.</p> <p>When planning meetings, the Group Chair (Lead) should contact Glenna via email (<a href="mailto:gbrambill@valleywater.org">gbrambill@valleywater.org</a>) with meeting date/time and location and how many members are expected to attend.</p> <p>FYI-The FAHCE, Anderson Dam Seismic Retrofit Project and Coyote Creek Emergency Action Plans and Flood Protection Working Groups may have some crossover environmental impacts. The connection of these groups will benefit from discussions at EWRC during committee reporting.</p>			

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# FY 2022 EWRC Independent Working Groups

**PLEASE SIGN UP TODAY!**

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

# FY 2022 EWRC Independent Working Groups

**PLEASE SIGN UP TODAY!**

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

# FY 2022 EWRC Independent Working Groups

**PLEASE SIGN UP TODAY!**

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



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# Santa Clara Valley Water District

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**File No.:** 21-0687

**Agenda Date:** 7/19/2021

**Item No.:** 4.4.

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## COMMITTEE AGENDA MEMORANDUM

### Environmental and Water Resources Committee

**SUBJECT:**

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

**RECOMMENDATION:**

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

**SUMMARY:**

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

**BACKGROUND:**

**Governance Process Policy-8:**

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

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

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

**ATTACHMENTS:**

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

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**File No.:** 21-0687

**Agenda Date:** 7/19/2021  
**Item No.:** 4.4.

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**UNCLASSIFIED MANAGER:**

Michele King, 408-630-2711

## 2021 Work Plan: Environmental and Water Resources Committee

Update: June 2021

The annual work plan establishes a framework for committee discussion and action during the annual meeting schedule. The committee work plan is a dynamic document, subject to change as external and internal issues impacting Valley Water 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 2021	January 25	<ul style="list-style-type: none"> <li>Committee Elects Chair and Vice Chair for 2021 <b>(Action)</b></li> </ul>	<b>Accomplished January 25, 2021:</b> The Committee elected Mr. Bob Levy as Chair and Rev. Jethroe Moore, II, as Vice Chair.
2	Annual Accomplishments Report	January 25	<ul style="list-style-type: none"> <li>Review and approve 2020 Accomplishments Report for presentation to the Board. <b>(Action)</b></li> <li>Submit requests to the Board, as appropriate.</li> </ul>	<b>Accomplished January 25, 2021:</b> The Committee approved the Environmental and Water Resources Committee's 2020 Accomplishments Report. Due to COVID 19, the Committee was limited in fully engaging in 2020.
3	Status of Working Groups	January 25 April 19 July 19 October 18	<ul style="list-style-type: none"> <li>Receive updates on the status of the working groups. <b>(Action)</b></li> <li>Submit requests to the Board, as appropriate.</li> </ul>	<b>Accomplished January 25, 2021:</b> The Committee received an update from: Mr. Steve Jordan reported on his Working Group-Water Storage Exploratory Committee that he attends the meetings, and the topics of discussion have been: Anderson Dam Retrofit, Pacheco Reservoir Expansion Project, Los Vaqueros Reservoir Expansion Project (LVE), and other water banking/storage issues and concerns.  Chair Bob Levy encouraged the Members to join the Working Groups as the sign-ups are few.  The Committee took no action.  <b>Accomplished April 19, 2021:</b>

Yellow = Update Since Last Meeting

Blue = Action taken by the Board of Directors

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# 2021 Work Plan: Environmental and Water Resources Committee

Update: June 2021

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

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# 2021 Work Plan: Environmental and Water Resources Committee

Update: June 2021

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

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## 2021 Work Plan: Environmental and Water Resources Committee

Update: June 2021

ITEM	WORK PLAN ITEM BOARD POLICY	MEETING DATE	INTENDED OUTCOME(S) (Action or Information Only)	ACCOMPLISHMENT DATE AND OUTCOME
4	Review of Environmental and Water Resources Committee Work Plan, the Outcomes of Board Action of Committee Requests and the Committee's Next Meeting Agenda	January 25 April 19 July 19 October 18	<ul style="list-style-type: none"> <li>Receive and review the 2021 Board-approved Committee work plan. <b>(Action)</b></li> <li>Submit requests to the Board, as appropriate.</li> </ul>	<p><b>Accomplished January 25, 2021:</b> The Committee received the 2021 work plan and will continue to align the work plan according to the Board's work plan. The Environmental and Water Resources Committee took no action but would like to add the Climate Change Action Plan to the work plan.</p> <p><b>Accomplished April 19, 2021:</b> The Committee reviewed the 2021 work plan and took no action.</p>
5	Update on Valley Water's Creation of New Office of Racial Equity, Diversity & Inclusion and Board Adoption of a Resolution Addressing Systemic Racism and Promoting Equity.	January 25	<ul style="list-style-type: none"> <li>Receive information on the New Office of Racial Equity, Diversity &amp; Inclusion (REDI) Board Adoption of a Resolution</li> </ul>	<p><b>Accomplished January 25, 2021:</b> The Committee received information on the New Office of Racial Equity, Diversity &amp; Inclusion (REDI) Board Adoption of a Resolution and took no action.</p>
6	Standing Items Reports Fiscal Year 2021:	January 25 April 19	<ul style="list-style-type: none"> <li>Receive quarterly reports on standing items. <b>(Information)</b></li> </ul>	<p><b>Accomplished January 25, 2021:</b> The Committee received information on the quarterly reports on standing items and took no action.</p> <p><b>Accomplished April 19, 2021:</b> The Committee received information on the quarterly reports on standing items and took no action.</p>

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# 2021 Work Plan: Environmental and Water Resources Committee

Update: June 2021

ITEM	WORK PLAN ITEM BOARD POLICY	MEETING DATE	INTENDED OUTCOME(S) (Action or Information Only)	ACCOMPLISHMENT DATE AND OUTCOME
WATER SUPPLY:				
Board Strategy 1	Actively Pursue Efforts to Increase Water Storage Opportunities. (Assigned to Water Storage Exploratory Committee)			
Board Strategy 2	Actively Participate in Decisions Regarding the California Delta Conveyance. (Assigned to California Delta Conveyance Working Group)			
Board Strategy 3	Lead Recycled and Purified Water Efforts with the City of San Jose and Other Agencies. (Assigned to Recycled Water Committee)			
Board Strategy 4	Engage and educate the community, elected officials and staff on future water supply strategies in Santa Clara County. (Assigned to Water Conservation and Demand Management Committee)			
Board Strategy 5	Advance Anderson Dam Seismic Retrofit Project. (Assigned to Capital Improvement Program Committee)			
NATURAL FLOOD PROTECTION:				
Board Strategy 1	Protect and maintain existing assets and infrastructure. (Assigned to Board Policy and Planning Committee)			
Board Strategy 2	Pursue opportunities to improve internal capacity to acquire regulatory permits. (Assigned to Board Policy and Planning Committee)			
ENVIRONMENTAL STEWARDSHIP:				
Board Strategy 1	Attain net positive impact on the environment when implementing flood protection and water supply projects. (Assigned to Board Policy and Planning Committee)			
Board Strategy 2	Promote the protection of creeks, bay, and other aquatic ecosystems from threats of pollution and degradation (Homeless encampment strategies assigned to Homeless Encampment Committee)			
Board Strategy 3	Continue the Fisheries and Aquatic Habitat Collaborative Effort. (Assigned FAHCE Committee)			
BUSINESS MANAGEMENT:				
Board Strategy 1	Advance Diversity and Inclusion. (Assigned to Diversity and Inclusion Ad Hoc Committee and the Full Board)			
Board Strategy 2	Maintain Appropriate Staffing Levels and Expertise (Assigned to Diversity and Inclusion Ad Hoc Committee and the Full Board)			
Board Strategy 3	Provide Affordable and Cost-Effective Level of Services (Assigned to Financial Sustainability Group)			
CLIMATE CHANGE:				
Board Strategy 1	Address Future Impacts of Climate Change to Valley Water's Mission and Operations. ((Assigned to Board Policy and Planning Committee and the Full Board)			

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## 2021 Work Plan: Environmental and Water Resources Committee

Update: June 2021

ITEM	WORK PLAN ITEM BOARD POLICY	MEETING DATE	INTENDED OUTCOME(S) (Action or Information Only)	ACCOMPLISHMENT DATE AND OUTCOME
7	Review and Comment to the Board on the Fiscal Year 2021 – 2022 Proposed Groundwater Production Charges.	April 19	<ul style="list-style-type: none"> <li>Review and comment to the Board on the Fiscal Year 2022 Proposed Groundwater Production Charges. <b>(Action)</b></li> </ul>	<p><b>Accomplished April 19, 2021:</b></p> <p>The Committee reviewed and commented to the Board on the Fiscal Year 2021–2022 Proposed Groundwater Production Charges and took the following action:</p> <p>The Committee approved supporting staff's recommendation on the increase of the Municipal &amp; industrial (M&amp;I) rates for all Zones (W-2=9.6%, W-5=4.6%, W-7=10.3% and W-8=4.4%).</p> <p><i>On May 11, 2021, the Board approved the Committee's recommendations.</i></p>
8	Public Trails on Valley Water Lands: Policy Criteria and Guidance.	April 19	<ul style="list-style-type: none"> <li>Discuss Public Trails on Valley Water Lands: Policy Criteria and Guidance <b>(Information)</b></li> </ul>	<p><b>Accomplished April 19, 2021:</b></p> <p>The Committee discussed Public Trails on Valley Water Lands: Policy Criteria and Guidance and took the following action:</p> <p>The Committee approved the Public Trails On Valley Water Lands:Policy Criteria And Guidance: and strengthening the language with a few suggested edits: page 100 (review word "contiguous", "shall be/may be" change to "should be", incorporate public comment, and adding public safety language.</p> <p><i>On May 11, 2021, the Board approved the Committee's recommendations. Staff will return to the Board on July 13, 2021, with an update on the Guidance.</i></p>
9	Climate Change Action Plan (CCAP)	July 19	<ul style="list-style-type: none"> <li>Review and provide comments on the Climate Change Action Plan as necessary for Board consideration. <b>(Action)</b></li> </ul>	

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# 2021 Work Plan: Environmental and Water Resources Committee

Update: June 2021

ITEM	WORK PLAN ITEM BOARD POLICY	MEETING DATE	INTENDED OUTCOME(S) (Action or Information Only)	ACCOMPLISHMENT DATE AND OUTCOME
10	Receive Update on Advance Anderson Dam Seismic Retrofit Project.	October 18	<ul style="list-style-type: none"> <li>Receive update on Advance Anderson Dam Seismic Retrofit Project. <b>(Information)</b></li> </ul>	
11	Standing Items Reports Fiscal Year 2022:	July 19 October 18	<ul style="list-style-type: none"> <li>Receive quarterly reports on standing items. <b>(Information)</b></li> </ul>	

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

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# 2021 Work Plan: Environmental and Water Resources Committee

Update: June 2021

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

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# 2021 Work Plan: Environmental and Water Resources Committee

Update: June 2021

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

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

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# 2021 Work Plan: Environmental and Water Resources Committee

Update: June 2021

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

Yellow = Update Since Last Meeting

Blue = Action taken by the Board of Directors

Attachment 1  
Page 10 of 10



# Santa Clara Valley Water District

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**File No.:** 21-0688

**Agenda Date:** 7/19/2021

**Item No.:** 5.1.

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## 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 2021 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 2020, 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:**

Michele King, 408-630-2711



**FY2020-2021 BOARD WORK PLAN – STANDING ITEMS REPORT**  
**June 2021 Update**

<b>GOAL: WATER SUPPLY</b>	
<b>Strategy 1:</b>	<b>Actively Pursue New Water Storage Opportunities</b>
Focus:	<ul style="list-style-type: none"> <li>Explore opportunities to develop new surface and groundwater storage projects that align with Valley Water's mission. Additionally, seek water exchange and transfer opportunities.</li> <li>Determine level of participation for projects and decisions about partnerships.</li> </ul>
Update:	<ul style="list-style-type: none"> <li>Valley Water held a Special Board Meeting on April 14, 2021, to receive information on the Pacheco Reservoir Expansion Project, including funding and external issues that could have financial, project implementation and schedule implications on the project. The Board indicated they would like to see partner participation levels set at 35% of the total project cost and expressed an interest in continuing to fully assess project feasibility.</li> <li>In April 2021, the U.S. Environmental Protection Agency invited Valley Water to submit a loan application for funding under the Water Infrastructure Finance and Innovation Act (WIFIA) for the proposed expansion of Pacheco Reservoir in Santa Clara County. A long-term, low-cost supplemental WIFIA loan would result in significant financing cost savings for the Pacheco Reservoir Expansion Project and lessen the potential impacts to water rates.</li> </ul>
<b>Strategy 2:</b>	<b>Actively participate in decisions regarding the California Delta Conveyance</b>
Focus:	<ul style="list-style-type: none"> <li>As a voice for Northern California, continue to engage, negotiate, and increase public education of the project through serving on the Delta Conveyance Design and Construction Authority and Finance Authority and Stakeholder Engagement Committee in adherence to Board approved Guiding Principles, to protect Santa Clara County's interests.</li> </ul>
Update:	<ul style="list-style-type: none"> <li>The CA Department of Water Resources held community workshops in April and May 2021 to solicit input on a Community Benefits Program for the Delta Conveyance Project.</li> <li>Valley Water continues to participate in Delta Conveyance Design and Construction (DCA) and Delta conveyance Finance Authority (DCFA) Board Meetings.</li> </ul>
<b>Strategy 3:</b>	<b>Lead Recycled and Purified Water Efforts with committed partners.</b>
Focus:	<ul style="list-style-type: none"> <li>Develop a portfolio of advanced purified water and secure treated wastewater as identified in the Water Supply Master Plan.</li> <li>Elevate discussion with San Jose from staff to elected official level and include City of Santa Clara and other wastewater agencies in order to reach a decision point on a project by mid-September 2020.</li> <li>Present a water reuse roadmap that clarifies position on Indirect Potable Reuse (IPR) vs. Direct Potable Reuse (DPR).</li> <li>Develop plan for South County including a governance model.</li> </ul>
Update:	<ul style="list-style-type: none"> <li>On March 29, 2021, Valley Water hosted a virtual public Purified Water Project scoping meeting to inform community members about the project's environmental review process, and seek input on the project.</li> <li>On April 30, 2021, Valley Water issued a Request for Qualifications (RFQ) for the Purified Water Program. This is Valley Water's first Public-Private Partnership (P3) capital project using a Design-Build-Finance-Operate-Maintain (DBFOM) delivery method.</li> <li>On June 23, 2021, the final draft of the Countywide Water Reuse (CoRe) Plan was presented to the Recycled Water Committee and is expected to be presented to the full Board in August 2021.</li> </ul>



<b>Strategy 4:</b>	<b>Engage and educate the community, elected officials and staff on future water supply strategies in Santa Clara County.</b>
Focus:	<ul style="list-style-type: none"> <li>• Clarify strategies for outreach and education programs and efforts.</li> <li>• Develop metrics to understand the ROI of outreach strategies, such as the annual favorability survey.</li> <li>• Increase efforts to educate the public about the mix of different types of water in Valley Water's portfolio, including the Delta Conveyance, and associated current and projected costs.</li> </ul>
Update:	<ul style="list-style-type: none"> <li>• Valley Water launched a new public engagement site: <a href="https://beheard.valleywater.org">https://beheard.valleywater.org</a> for community members to get the latest updates, ask questions and provide feedback on major Valley Water projects and initiatives.</li> <li>• On June 9, 2021, the Board declared a water shortage emergency condition in Santa Clara County and called for a mandatory 15% reduction in water usage compared to 2019. On June 25, 2021, Santa Clara County followed Valley Water by declaring a local emergency due to extreme drought conditions. Valley Water continues to work with other local jurisdictions and water retailers to increase water conservation efforts.</li> <li>• On June 9, 2021, the Board adopted the 2020 Urban Water Management Plan, a long-term water resource plan that documents current and projects water supplies and demands over the next 25 years during normal and drought years, as well as reliability analysis and conservation efforts in Santa Clara County. The Board also adopted an expanded Water Storage Contingency Plan to establish actions and procedures for managing water shortages due to droughts and other emergencies consistent with state regulations.</li> <li>• On June 22, 2021, the Board approved revisions to Board Governance Ends Policy E-2: Water Supply to achieve the following End: "Providing a reliable, safe, and affordable water supply for current and future generations in all communities served." Revised goals include meeting Valley Water's Level of Service goal, protecting existing water supplies, maintaining water infrastructure, increasing regional self-reliance, using an integrated approach for water resources management, and promoting equitability and affordability.</li> <li>• In March, April and May 2021, Valley Water reached 1,264 members of the community through 38 virtual tours of Valley Water's water infrastructure projects and water reuse/recycled and purified water program.</li> </ul>
<b>Strategy 5:</b>	<b>Advance Anderson Dam Seismic Retrofit Project (ADSRP)</b>
Focus:	<ul style="list-style-type: none"> <li>• Progress all elements on the Federal Energy Regulatory Commission Order Compliance Project (FOCP) into design/construction.</li> <li>• Begin construction of the Anderson Dam Tunnel Project (ADTP).</li> <li>• Continue to work with appropriate regulatory agencies to review and obtain approval for all project design plans on the ADSRP.</li> <li>• Release for review the Draft Environmental Report for the ADSRP.</li> <li>• Continue to inform the public and neighborhoods of the project progress and construction timeline.</li> <li>• Balance flood protection, water supply, and environmental flow requirements appropriately for annual operations prior to completion of the construction of ADSRP.</li> </ul>
Update:	<ul style="list-style-type: none"> <li>• A virtual public meeting with 83 community members was held on May 19, 2021, to provide an update on upcoming construction on the Anderson Dam Tunnel project slated to begin in June 2021.</li> <li>• On May 28, 2021 – Valley Water issued the Phase 1 and 2A Notice to Proceed for the Anderson Dam Tunnel Project with a start date of June 28, 2021.</li> </ul>

<b>GOAL: NATURAL FLOOD PROTECTION</b>	
<b>Strategy 1:</b>	<b>Protect and maintain existing assets and infrastructure.</b>
Focus:	<ul style="list-style-type: none"> <li>• Prioritize funding for maintenance activities to ensure the most cost-effective flood protection investment.</li> <li>• Develop asset management approach to plan for major asset recapitalization.</li> <li>• Develop program to plan for multi-benefit opportunities when major maintenance work is required.</li> </ul>
Update:	<ul style="list-style-type: none"> <li>• On June 4, 2021, Valley Water held a virtual Ribbon-Cutting event to celebrate the completion of the Rancho San Antonio Park Flood Detention Facility, the final of three components of the Permanente Creek Flood Protection Project.</li> <li>• On June 8, 2021, the Board approved the Central Valley Project (CVP) Repayment Contract, converting the contract into a repayment contract under the Water Infrastructure Improvements for the Nation Act (WIIN Act), which does not expire and eliminates the need for renewal. Execution of this agreement helps sustain Valley Water's CVP supplies into the future and improves the County's water supply reliability.</li> </ul>
<b>Strategy 2:</b>	<b>Pursue opportunities to improve internal capacity to acquire regulatory permits.</b>
Focus:	<ul style="list-style-type: none"> <li>• Provide for Watershed-Wide regulatory planning and permitting effort and pursue other efforts at the state and federal level to expedite permit review.</li> <li>• Centralize permitting efforts amongst Valley Water staff to improve efficiency of applications and build closer relationships with regulatory agencies.</li> <li>• Build closer relationships with regulatory agencies and open dialogue with the environmental community.</li> </ul>
Update:	<ul style="list-style-type: none"> <li>• On May 3, 2021, Valley Water met with leaders of several environmentally focused stakeholders to receive input on their environmental priorities and their alignment with Valley Water grants, environmental public benefits/access, capital projects and environmental mitigation efforts.</li> </ul>

<b>GOAL: ENVIRONMENTAL STEWARDSHIP</b>	
<b>Strategy 1:</b>	<b>Attain net positive impact on the environment when implementing flood protection and water supply projects.</b>
Focus:	<ul style="list-style-type: none"> <li>As part of the One Water planning process, develop an integrated water resource plan for each watershed, including appropriate metrics to monitor Valley Water's impacts on and benefit to the environment.</li> <li>Ensure that stewardship efforts are integrated and not focused primarily on mitigation.</li> <li>Seek input from a wide range of communities including tribal voices, disadvantaged communities, regulators, and the environmental community, whenever possible.</li> <li>Revisit Ends Policy 4 in light of climate change, trails, open space, stewardship, etc.</li> </ul>
Update:	<ul style="list-style-type: none"> <li>On June 22, 2021, the Board approved modifications to Board Governance Ends Policy E-4: Water Resources Stewardship to achieve the following End: "Water resources stewardship protects and enhances ecosystem health." Revised goals include using a science-based approach to protect aquatic ecosystems, managing water resources for multiple benefits, encouraging sustainable management of water resources in the Bay-Delta, preventing pollution of waterbodies, and engaging the community.</li> </ul>
<b>Strategy 2:</b>	<b>Promote the protection of creeks, bay, and other aquatic ecosystems from threats of pollution and degradation.</b>
Focus:	<ul style="list-style-type: none"> <li>Continue efforts to protect the ecosystem and water quality of our waterbodies, the integrity of our infrastructure, and ensure our employees have a safe work environment. Such efforts include preventing stormwater pollution, increased implementation of green stormwater infrastructure, addressing mercury pollution, and homeless encampment clean ups.</li> <li>Continue partnerships and investments on a regional scale such as the South Bay Salt Pond Restoration and Santa Clara Valley Urban Runoff Pollution Prevention Program (SCVURPPP).</li> </ul>
Update:	<ul style="list-style-type: none"> <li>On May 1, 2021, Valley Water hosted the Coyote Creek Cleanup event to kick-off National River Cleanup Month at two locations along Coyote Creek. The event was a community-wide effort with multiple partners including City of San Jose, County of Santa Clara, Opening Doors, South Bay Clean Creeks Coalition, The Trash Punx, Saved by Nature, Zanker Recycling, and Republic Services. 98 volunteers from both cleanup sites worked with staff from Valley Water and the City of San Jose to remove 27.25 tons (54,500 lbs) of trash and 64 gallons of biowaste.</li> </ul>
<b>Strategy 3:</b>	<b>Continue the Fisheries and Aquatic Habitat Collaborative Effort (FAHCE)</b>
Focus:	<ul style="list-style-type: none"> <li>Expedite early implementation of feasibility studies, monitoring activities, and planning and construction of various fish passage improvements.</li> <li>Integrate with Anderson Dam Seismic Retrofit Project, Coyote Creek, and other new projects.</li> <li>Continue FAHCE effort on remaining two creeks: Guadalupe River and Stevens Creek.</li> <li>Develop Adaptive Management Plan to encompass all three creeks.</li> </ul>
Update:	<ul style="list-style-type: none"> <li>Valley Water plans to release the public Draft Environmental Impact Report (EIR) for Guadalupe River and Stevens Creek on June 30, 2021, followed by a virtual public meeting in July 2021.</li> <li>Valley Water continues to coordinate the FAHCE Plus Pilot Flow Project for Guadalupe Creek and Stevens Creek initiated on October 1, 2020. The two-year Pilot Project provides storage-based releases from Guadalupe Reservoir and Stevens Creek Reservoir into Guadalupe and Stevens Creeks, respectively. Consistent with the FAHCE rule curve and current extreme drought conditions, pulse releases are not currently scheduled as storage levels are well below the threshold at both reservoirs in the FAHCE Plus Pilot Flows Program.</li> </ul>

<b>GOAL: BUSINESS MANAGEMENT</b>	
<b>Strategy 1:</b>	<b>Advance diversity and inclusion.</b>
Focus:	<ul style="list-style-type: none"> <li>Continue research on best practices to understand the changing landscape of diversity and inclusion to identify where continued investment is necessary.</li> <li>Develop Board's vision for Valley Water as a diverse and inclusive organization.</li> </ul>
Update:	<ul style="list-style-type: none"> <li>In March 2021, Valley Water's Office of Racial Equity, Diversity and Inclusion (REDI Office) launched an organizational equity assessment in collaboration with The Justice Collective to better understand opportunities for equity, diversity and inclusion and inform a REDI workplan. The final report from the equity assessment is expected in July 2021.</li> <li>On March 26, 2021, the Board adopted a resolution "Addressing Violence and Racism Against the Asian American and Pacific Islander (AAPI) Community" in response to anti-Asian sentiment, discrimination and attacks.</li> <li>The Board also adopted resolutions recognizing Earth Day, Asian-Pacific American Heritage Month, and Juneteenth Independence Day.</li> </ul>
<b>Strategy 2:</b>	<b>Maintain appropriate staffing levels and expertise.</b>
Focus:	<ul style="list-style-type: none"> <li>Finalize a long-term staffing strategy that aligns with Water Supply Master Plan, Capital Improvement Program, Operations &amp; Maintenance plans, etc..</li> <li>Develop classification career ladders to provide understanding of requirements for professional growth.</li> <li>Consider opportunities to grow the recruitment pipeline from high school and college students, workforce development programs, and the Valley Water intern program.</li> </ul>
Update:	<ul style="list-style-type: none"> <li>In Fiscal Year 2020-2021, Valley Water has reduced its vacancy rate from 11% to 6% and has completed 189 total recruitments including 98 new hires, 80 promotions and 11 competitive internal transfers.</li> <li>After a highly competitive process garnering nearly 1,800 applicants, Valley Water's 2021 Summer Internship Program includes 40 interns who will receive hands-on exposure to careers in water spanning all areas of the organization including Environmental Planning, Design and Construction, Government Relations, Engineering, Pipeline Projects, Communications, Information Technology, Human Resources, and Lab Services.</li> </ul>
<b>Strategy 3:</b>	<b>Provide affordable and cost-effective level of services.</b>
Focus:	<ul style="list-style-type: none"> <li>Establish benchmarking with other agencies, particularly water agencies, in order to understand areas for improvement.</li> </ul>
Update:	<ul style="list-style-type: none"> <li>On May 11, 2021, the Board adopted the Fiscal Year 2021-2022 Operating and Capital Budget and approved the Fiscal Years 2022-2026 Five-Year Capital Improvement Program.</li> <li>On May 11, 2021, the Board directed staff to develop a one-year Low-income Residential Water Rate Assistance Program (WRAP) in collaboration with a local non-profit agency who will administer the program. WRAP is currently in development and will return to the Board with an update on program details and a recommendation to move forward with the program in July 2021.</li> </ul>

<b>GOAL: CLIMATE CHANGE</b>	
<b>Strategy 1:</b>	<b>Address future impacts of climate change to Valley Water's mission and operations.</b>
Focus:	<ul style="list-style-type: none"> <li>Develop a vision for how Valley Water thinks about and responds to Climate Change throughout the organization.</li> </ul>
Update:	<ul style="list-style-type: none"> <li>Valley Water's Climate Change Action Plan (CCAP) guides Valley Water's response to climate change and confirms greenhouse gas (GHG) reduction and climate change adaptation as priorities throughout its mission areas of water supply, flood protection, and environmental stewardship. The plan is in its final stages of development and will be presented to the Board for approval in July 2021.</li> </ul>





# Santa Clara Valley Water District

File No.: 21-0689

Agenda Date: 7/19/2021

Item No.: 5.2.

## COMMITTEE AGENDA MEMORANDUM

### Environmental and Water Resources Committee

**SUBJECT:**

Climate Change Action Plan.

**RECOMMENDATION:**

Receive Information on the Climate Change Action Plan.

**SUMMARY:**

The Climate Change Action Plan (CCAP) comprehensively guides Santa Clara Valley Water District's (Valley Water) response to climate change, and confirms greenhouse gas (GHG) reduction and climate change adaption as priorities throughout Valley Water's mission areas of water supply, flood protection, and environmental stewardship. This memorandum summarizes Valley Water's CCAP, describing vulnerabilities to climate change, goals and strategies to mitigate and adapt to climate change, and implementation of the CCAP. A full draft of the CCAP is available on Valley Water's [CCAP webpage <https://www.valleywater.org/your-water/water-supply-planning/climate-change-action-plan>](https://www.valleywater.org/your-water/water-supply-planning/climate-change-action-plan).

### Climate Change Vulnerabilities

Climate change will impact Valley Water in each of its three mission areas. Water supply reliability will be challenged by changes to local and imported water supplies and surface water quality. Increasing storm intensity and sea level rise will affect flood protection efforts. Local ecosystems may degrade in response to changing water quantity and quality, drier soils, floods, droughts, stream channel erosion or incision, wildfires, invasive species, and other possible climate change impacts. This will threaten the success of ecosystem stewardship efforts, as well as permit-required habitat mitigation.

Current operations at Valley Water are effective, but remain vulnerable to climate change impacts. The CCAP includes goals, strategies, and possible actions to address these vulnerabilities.

### Climate Action Goals and Strategies

Seven goals were developed to guide Valley Water's response to climate change. Three goals are related to GHG emission reduction, three are related to adaptation, and one goal is related to emergency preparedness.

Goal 1: Reduce Direct Greenhouse Gas Emissions

Goal 2: Expand Renewable Energy and Improve Energy Efficiency

Goal 3: Reduce Indirect Greenhouse Gas Emissions

Goal 4: Water Supply Adaptation

Goal 5: Flood Protection Adaptation

Goal 6: Ecosystem Adaptation

Goal 7: Emergency Preparedness

For each greenhouse gas reduction and climate change adaptation strategy, the CCAP identifies a series of possible actions. Many actions, such as enhancing local storage and developing new sources of potable water, are ongoing, while other ongoing actions are recommended for expansion. A summary of the CCAP is provided and includes an outline of strategies and some of the possible actions for each goal (Attachment 1). Notable new actions proposed include: updating carbon accounting methodology to account for the full range of direct emissions, promoting construction-related emissions reduction throughout planning and design, collaborating with land use authorities to promote water use efficiency and reuse, identifying ways to improve flexibility of water treatment systems, improving forecasting to maximize flexibility of reservoir storage, restoring natural floodplain functions to improve resiliency, and investing in green stormwater infrastructure.

### **CCAP Stakeholder Outreach**

Outreach to the community and external stakeholders was conducted to build awareness and to solicit a wide range of public input on Valley Water's proposed climate change mitigation and adaptation goals, strategies, and possible actions. Through the outreach efforts, over 5,000 stakeholders were made aware of the CCAP, and 146 people participated in a survey to provide feedback on the CCAP, leaving over 300 individual comments. Comments were incorporated into the plan and a document with responses to comments was published online. Both internal and external feedback will continue to be incorporated throughout the CCAP implementation.

### **CCAP Implementation Program**

The proposed CCAP Implementation Program will ensure that climate change mitigation and adaptation actions are integrated, or mainstreamed, into Valley Water operations. Metrics to track progress are being developed to determine trends, limiting factors, and improvement needs, allowing Valley Water's climate change response efforts to evolve over time. The Implementation Program will be administered initially by a graduate student intern supported by additional Valley Water staff, and eventually, if approved, by a full-time implementation lead. Implementation steps include prioritizing and implementing actions, measuring progress, and conducting outreach.

### **ATTACHMENTS:**

Attachment 1: Climate Change Action Plan Summary

Attachment 2: PowerPoint

### **UNCLASSIFIED MANAGER:**

Lisa Bankosh, 408-630-2618

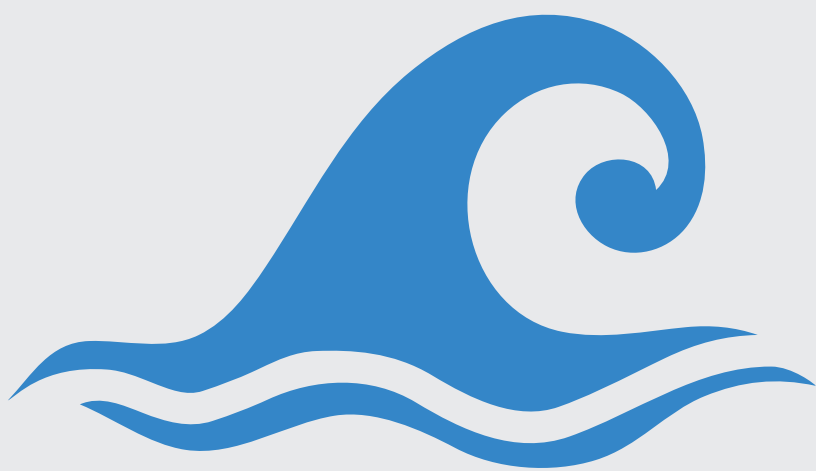
Kirsten Struve, 408-630-3138

# Climate Change Action Plan: Overview



## What is the Climate Change Action Plan (CCAP)?

Valley Water’s CCAP is a comprehensive guide to Valley Water’s current and future mitigation and adaptation efforts. It builds upon Valley Water’s existing climate change response efforts and presents goals and strategies to continue and expand these efforts.



## What is in the CCAP?

The CCAP discusses Valley Water’s current greenhouse gas emissions and climate efforts, Santa Clara County’s climate and projected climate changes, Valley Water’s vulnerabilities and risks due to climate change impacts, and goals, strategies, and possible actions to mitigate and adapt to climate change. The CCAP also includes next steps towards the development of an on-going program to implement the CCAP. The following pages list each CCAP goal along with its associated strategies. These also include examples of possible actions which represent ideas as to how to achieve these goals and strategies.

## Why does Valley Water need a CCAP?

Climate change is expected to alter local climate in Santa Clara County, Valley Water’s service area. Changes in air temperature, precipitation, and other climatic changes challenge Valley Water operations in numerous ways. For example, more droughts may lead to water supply challenges. Increasing storm intensity and sea level rise will complicate flood protection efforts. Local ecosystems may degrade in response to extreme weather and other climate change impacts. Valley Water’s CCAP seeks to make Santa Clara County’s water supply, flood protection efforts, and ecosystems more resilient to climate change impacts through this CCAP.

## How will Valley Water use the CCAP?

Valley Water will launch an implementation program to develop and coordinate CCAP actions following the CCAP’s acceptance by Valley Water’s Board of Directors. The implementation program will finalize, prioritize and facilitate climate actions, as well as monitor and report progress. This implementation will engage internal stakeholders extensively, as many of these actions align or overlap with other Valley Water’s plans. Furthermore, external stakeholder input will continuously guide the process.

## How can I get involved with the development of the CCAP?

The CCAP team is currently seeking input on the CCAP’s goals, strategies and actions. Feedback can be submitted through a survey. A link to this survey can be found at the end of this document. Further updates and information on how to continue to engage can be found on the Valley Water CCAP website, or Valley Water’s social media pages.





# Goal 1:

## Reduce Direct Greenhouse Gas (GHG) Emissions

*Strategies shown below include examples of actions that may be recommended to achieve the goal. If you have additional ideas, please submit these through the survey.*

### Reduce Valley Water Fleet Emissions

- Continue adding electric vehicles and other fuel-efficient vehicles to Valley Water's fleet
- Expand knowledge on vehicle emission reduction techniques, devices, and equipment, and offer sustainability training
- Expand the use of Valley Water pool vehicle(s), if possible

### Reduce GHG emissions from trips between Valley Water offices and work sites

- Encourage remote and public transit options for off-site meetings
- Improve and maintain remote meeting technology throughout Valley Water
- Promote fuel-saving policies and protocols for Valley Water vehicles

### Reduce GHG emissions associated with Valley Water-owned equipment

- Promote use of renewable energy for Valley Water field equipment
- Continue to replace various types of agency-owned equipment with fuel efficient or electric models
- Improve the efficiency of heating and cooling equipment at agency facilities

### Continue to update Valley Water's GHG accounting practices

- Continuously update the methods used to calculate Valley Water's GHG inventory to utilize best practices
- Continue to expand the GHG inventory to account for additional sources and sinks

### Increase GHG sequestration on Valley Water properties and other areas

- Continue to plant native and drought-tolerant plants with high carbon sequestration rates in mitigation, enhancement, and landscaping projects
- Evaluate the need for purchasing carbon offsets to sequester carbon in non-Valley Water areas, such as the Sacramento-San Joaquin Delta region, as a method for maintaining carbon neutrality

### Minimize GHG emissions associated with planning, design, construction, operation, and maintenance of capital projects

- Incorporate energy, water, and fuel efficiency into capital project planning, design, and long-term maintenance
- Update internal capital project work instructions to incorporate GHG reduction measures
- Promote knowledge and offer training on construction-related emission reduction technologies, devices, and equipment

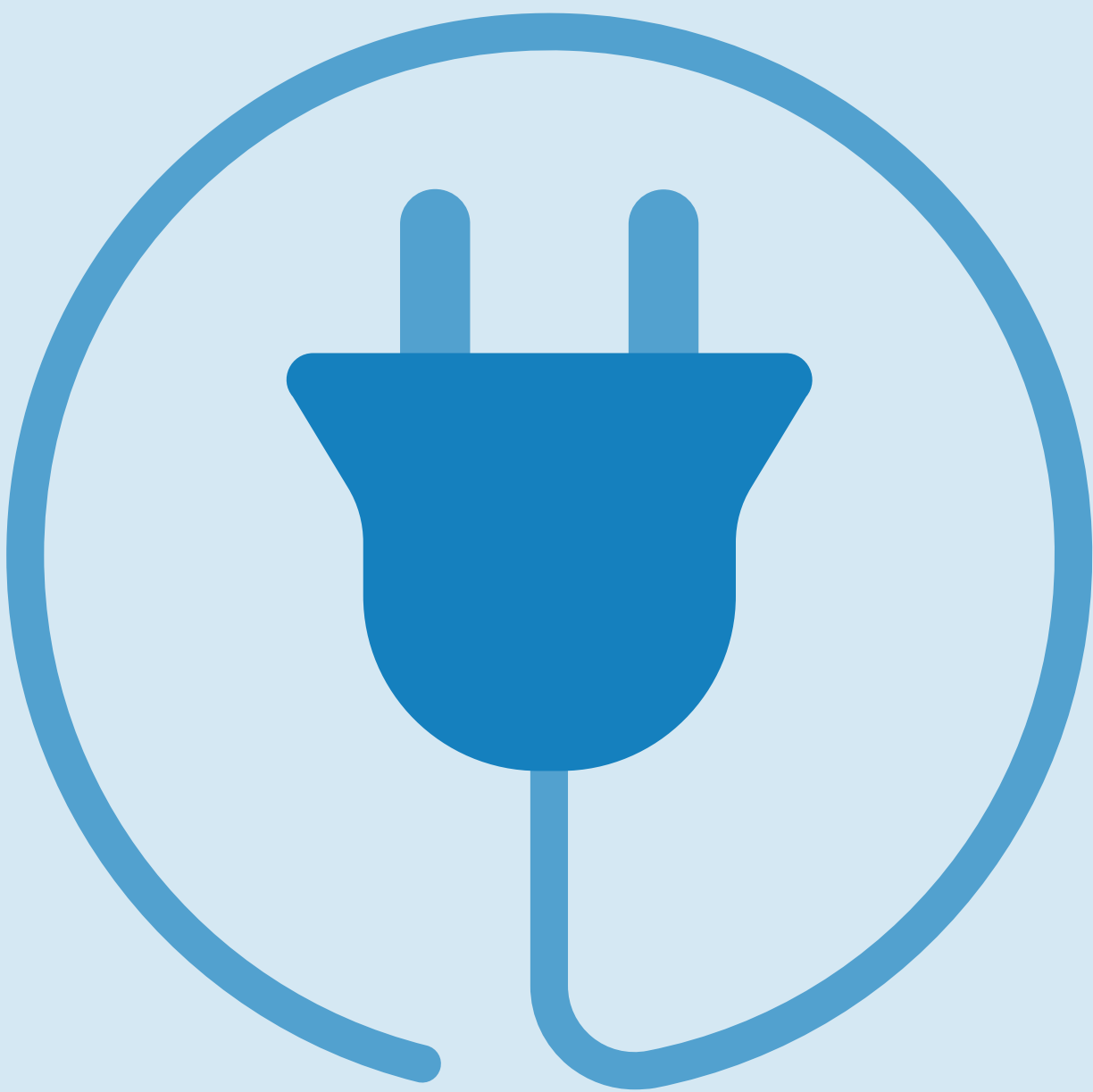
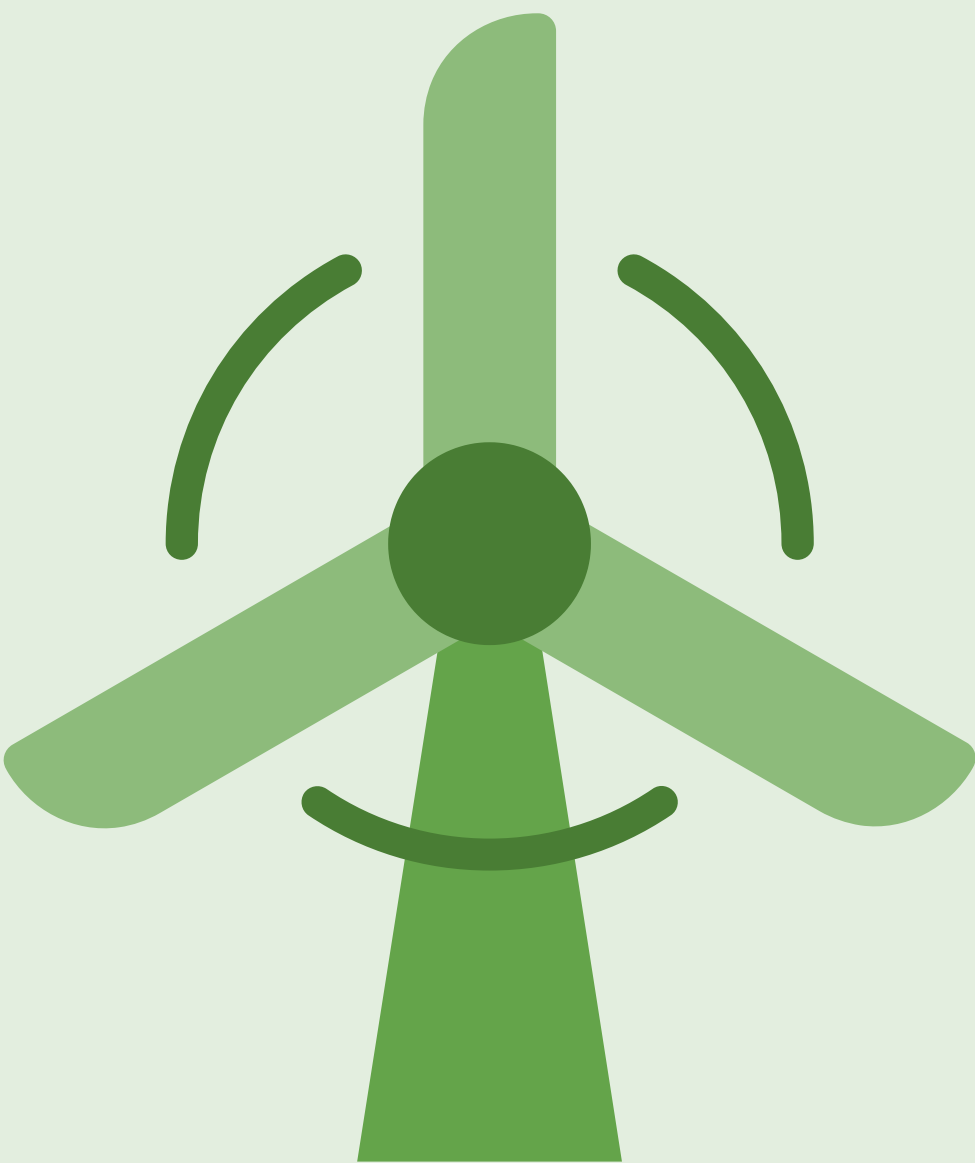
# Goal 2:

## Expand Renewable Energy and improve Energy Efficiency

*Strategies shown below include examples of actions that may be recommended to achieve the goal. If you have additional ideas, please submit these through the survey.*

### Continue to support increased renewable energy in the agency's energy portfolio

- Examine and pursue opportunities to increase renewable energy in Valley Water's energy portfolio
- Continue to expand renewable and carbon-free procurement



### Continue to improve energy efficiency at agency facilities

- Improve efficiency of office equipment and expand energy and water saving measures
- Further develop a policy that improves building sustainability, maintain regular energy assessments, and implement energy-saving technologies as they are available
- Promote energy efficient behaviors through staff education
- Continue monitoring energy optimization practices and expand most impactful efforts



# Goal 3:

## Reduce Indirect GHG Emissions

*Strategies shown below include examples of actions that may be recommended to achieve the goal. If you have additional ideas, please submit these through the survey.*

### Reduce emissions from Valley Water employee commutes

- Expand use of laptops instead of desktops, file sharing platforms, and other appropriate technologies to support paperless work and meetings.
- Continue to invest in electric vehicle charging stations and improve their convenience

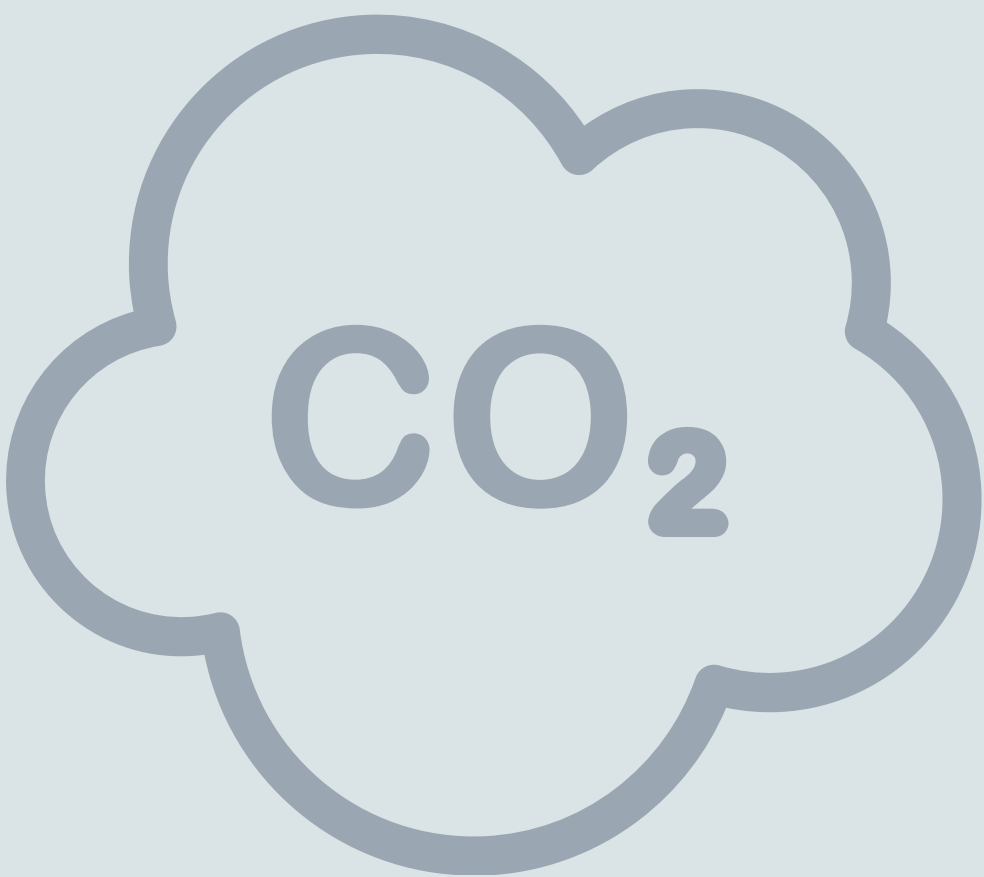


### Reduce waste produced at facilities

- Expand waste reduction measures as a part of the Green Business Program
- Develop an agency-wide approach for diverting and minimizing waste
- Promote the use of reusable items and spread awareness on the climate impact of waste
- Expand electronic document management to minimize paper use, and make double-sided printing the default

### Continue to create and expand other efforts to minimize indirect emissions

- Spread awareness of Valley Water's purchasing policy to consider environmental implications
- Continue to divest from major polluters
- Support California's Department of Water Resources' efforts to lower the carbon intensity of imported water
- Strengthen a sustainability training program for Valley Water employees



# Goal 4:

## Water Supply Adaptation

*Strategies shown below include examples of actions that may be recommended to achieve the goal. If you have additional ideas, please submit these through the survey.*

### Expand and diversify local water supplies

- Increase capture of stormwater and floodwater, such as through green infrastructure projects
- Resolve regulatory challenges to innovative local water solutions and increase coordination on alternative water uses

### Improve demand management and support water conservation efforts

- Support programs to reduce pipeline leakage
- Promote efforts related to water conservation and reuse
- Increase coordination between Valley Water, land use agencies, and water retailers on water and land use management
- Engage in proactive, consistent, and coordinated drought and water shortage contingency planning

### Implement source water improvement and water treatment actions

- Design and develop invasive species control strategies for Valley Water’s facilities and conveyance structures that are specific to target organisms
- Promote and participate in research projects related to climate change impacts on source water quality
- Conduct a study to identify potential adaptive water treatment actions that increase the resilience and flexibility of treatment systems to the impacts of climate change

### Support efforts to maintain and enhance source water quality

- Expand participation in collaborative projects focusing on protecting and improving imported source water quality
- Expand support for local and imported source water quality efforts, through outreach on water reuse and source water quality

### Increase reliability of imported water

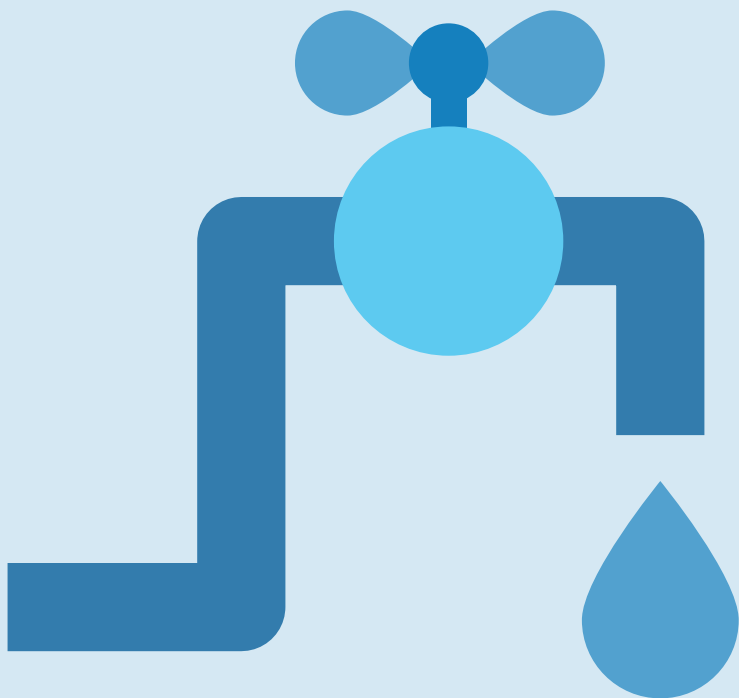
- Collaborate on and support Sierra Nevada watershed protection and restoration projects
- Support state efforts to develop emergency preparedness plans to respond to large Delta levee failure events that threaten imported water supplies

### Increase flexibility and resilience of water utility operations and assets

- Improve hydrologic forecasting to better adapt to changing hydrology and extremes
- Address aging infrastructure through continued implementation of the Infrastructure Reliability Plan
- Expand efforts to improve the resilience of local and imported storage, managed recharge facilities, and conveyance and increase groundwater storage

### Support ecological water supply management objectives

- Develop climate resilient water supply options to support fisheries and other aquatic and stream-dependent resources
- Continue to implement adaptive management to support fisheries
- Continue to participate in joint efforts with partner water agencies to support ecosystem restoration, research, and management and in statewide environmental flows discussions





# Goal 5:

## Flood Protection

### Adaptation In Santa Clara County

*Strategies shown below include examples of actions that may be recommended to achieve the goal. If you have additional ideas, please submit these through the survey.*



#### Minimize flood risk in coastal areas

- Expand collaboration on fluvial and coastal flood protection projects
- Increase the connectivity of coastal habitats along the Bay's shoreline with the tidal zones of streams
- Install tidal gages to monitor sea level rise
- Continue to work on capital projects and coordination with cities to address sea level rise related flooding risk

#### Improve the flood preparedness of people, property, and habitat

- Coordinate with land use agencies to protect and restore historic floodplain areas and vegetated buffers along creeks
- Consider relocation, purchase, and/or structure elevation of properties subject to recurring flooding risk, when possible
- Continue to obtain land in areas vulnerable to flooding for improved flood protection and channel restoration
- Continue to enhance monitoring and maintenance programs of flood protection infrastructure

#### Minimize riverine flooding risks

- Research, design, and implement multi-benefit flood protection projects such as green infrastructure to increase channel conveyance capacity and protect or improve ecosystem resilience
- Expand procedures to plan and design capital projects for long-term stream resilience
- Create natural floodplain areas, stream-upland transition areas, and upland buffers around streams
- Expand procedures to plan and design capital projects around long-term stream resilience

#### Implement projects and plans to increase the flexibility and resilience of flood protection operations and assets

- Develop planning, design, and maintenance procedures to address assets' climate related flood impacts
- Develop asset management plans for flood protection assets that incorporate climate change solutions and promote adaptation, resilience, and flexibility
- Implement projects that maximize stream climate resilience

#### Expand the use of flood forecasting and modeling tools in the planning and design of agency projects to maximize protection from flood risks

- Model predicted changes in the frequency and magnitude of flooding events to inform project planning and design
- Seek additional technologies to improve forecasting of floods, storm surges, and other events resulting from rising sea level and changing flood patterns
- Expand the use of rain and stream gauges in monitoring and maintenance of assets to help identify areas of risk

# Goal 6:

## Ecosystem

### Adaptation in Santa Clara County

*Strategies shown below include examples of actions that may be recommended to achieve the goal. If you have additional ideas, please submit these through the survey.*

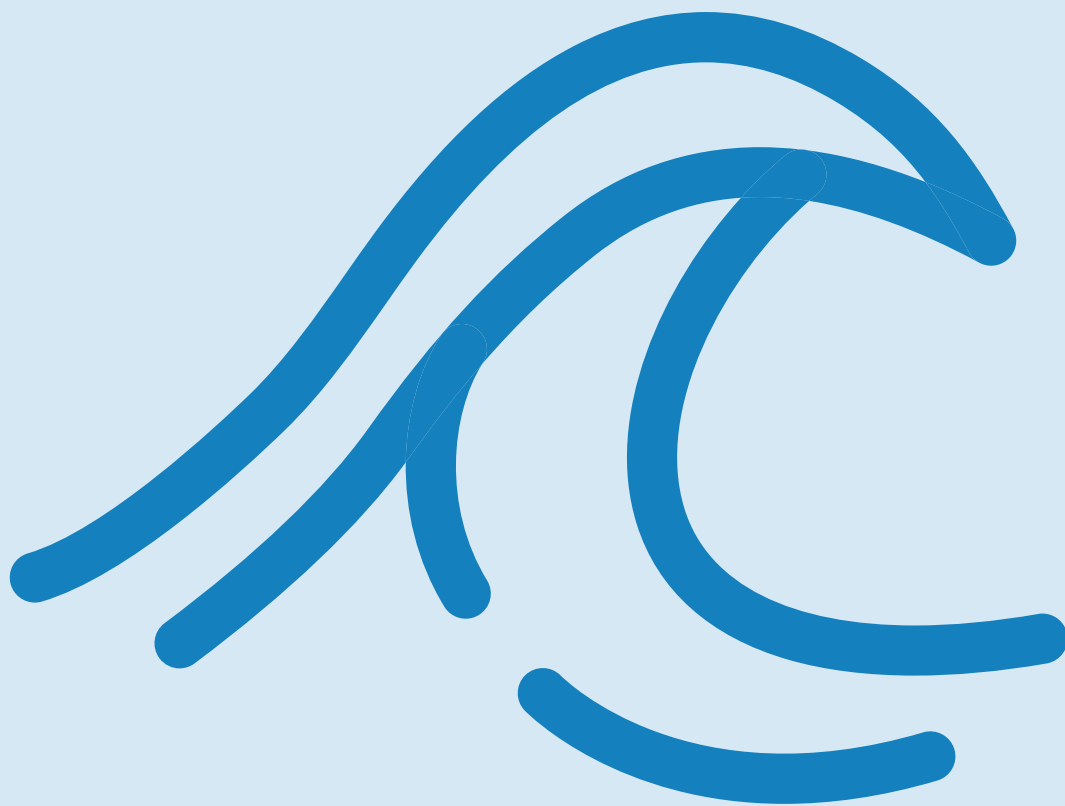


#### Protect and enhance riverine, coastal, and other watershed ecosystems to improve climate resilience

- Identify and prioritize habitat enhancement needs and incorporate them into stream stewardship and mitigation projects
- Develop climate-resilient best practices to be used in the implementation of habitat conservation and restoration
- Consider adopting policies that promote environmental stewardship principles to address climate change impacts
- Expand efforts to protect, restore, enhance, and maintain riparian areas and wetlands, and transitional and upland buffers around those features

#### Develop and expand programs and plans that support more climate-resilient ecosystems

- Support mutually beneficial inter-agency programs, plans, and projects that restore regional ecosystems
- Develop policies and guidelines for handling effects of wildfires
- Consider adopting policies to promote habitat connectivity when planning, designing, operating, and maintaining Valley Water's flood protection and water supply infrastructure
- Expand the guidelines and standards for land use near streams to include climate change resilience considerations



#### Expand the availability of data on regional ecosystems to avoid detrimental climate change-related ecosystem impacts

- Research climate impacts on invasive species to guide efforts at prevention and removal
- Expand monitoring and modeling of the effects of climate change-related events on ecosystems, stream flows, and water quality
- Participate in research projects related to climate impacts on Valley Water's mission areas





# Goal 7:

## Emergency Preparedness

*Strategies shown below include examples of actions that may be recommended to achieve the goal. If you have additional ideas, please submit these through the survey.*

### Maximize Valley Water's emergency preparedness for climate-related impacts

- Expand and improve procedures for responding to climate-related emergencies
- Expand safety and continued operation of Valley Water assets during climate-related emergencies
- Continue to develop a centralized approach to understand future climate changes and impacts. Develop climate modeling and analysis methods to better assess, predict, and respond to climate change



**Interested in learning more about Valley Water's climate change efforts and staying up to date on the CCAP?  
Visit our webpage!**



**Scan the code to go to our climate change action plan webpage.**

Scan by holding your camera over the code or by using a "QR code scanner" app





# Climate Change Action Plan (CCAP)

Neeta Bijoor, Ph.D., Associate Water Resources Specialist; Maggie O'Shea, CivicSpark Fellow;  
Lisa Bankosh Assistant Officer Watershed Stewardship and Planning; Kirsten Struve, Assistant Officer Water Supply Division  
Environmental and Water Resources Committee, July 19, 2021



# Climate Change Action Plan (CCAP)

Provides VW's framework for climate change response

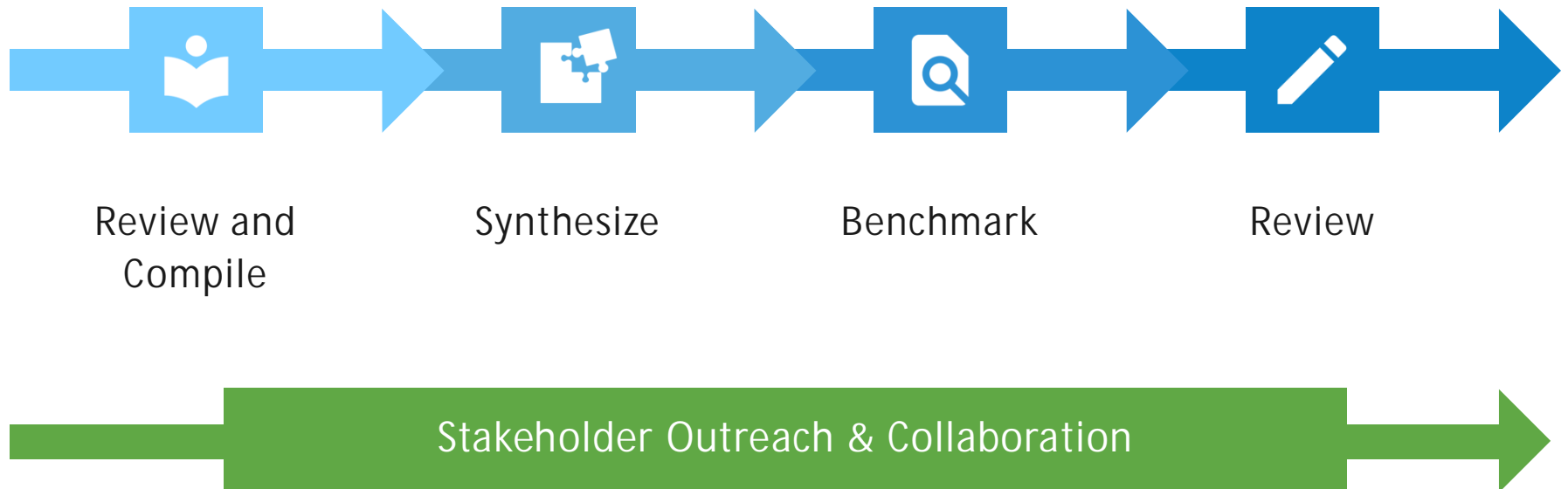
- Presents goals and strategies
- Proposes an ongoing implementation program
- Public-facing document



# CCAP TIMELINE






2017		Feb & Nov 2020		April 2021
CCAP development begins	Internal stakeholder co-development of goals, strategies, and actions	CCAP reviewed by BPPC	External stakeholder survey and outreach	CCAP outreach results reviewed by BPPC

# CCAP DEVELOPMENT



# CCAP Overview

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-  History of Valley Water's climate actions
-  Climate Change Projections and Impacts to Valley Water
-  Vulnerability and Risk Assessment
-  Goals, Strategies, and Possible Actions
-  Next Steps



# CLIMATE CHANGE IMPACTS TO VALLEY WATER

Increase of 2 degrees Fahrenheit by 2050 and extreme heat events



Temperature

Potential increase in precipitation volume and extreme events



Precipitation

Decline in snowpack



Drought and Snowpack

Risk of wildfire



Wildfire

Increase in sea level



Sea Level Rise

# Vulnerability and Risk Assessment



## Water Supply Vulnerability

Drought, Water Quality,  
Storm Damage to Assets



## Flood Protection Vulnerability

Coastal Assets, Access to  
Facilities, Supply Chain  
Disruption



## Ecosystem Stewardship Vulnerability

Wildfire, Habitat  
Fragmentation, Water  
Quality

# CCAP Mitigation Goals

GOAL 1

Reduce Direct  
Emissions

GOAL 2

Improve Energy  
Efficiency

GOAL 3

Reduce Indirect  
Emissions

# CCAP Adaptation Goals

GOAL 4

Water Supply  
Adaptation

GOAL 5

Flood Protection  
Adaptation

GOAL 6

Ecosystem  
Adaptation

GOAL 7

Emergency  
Preparedness

# CCAP External Outreach Strategy

## Awareness

- Social Media Video
- Website Update
- Summary Document

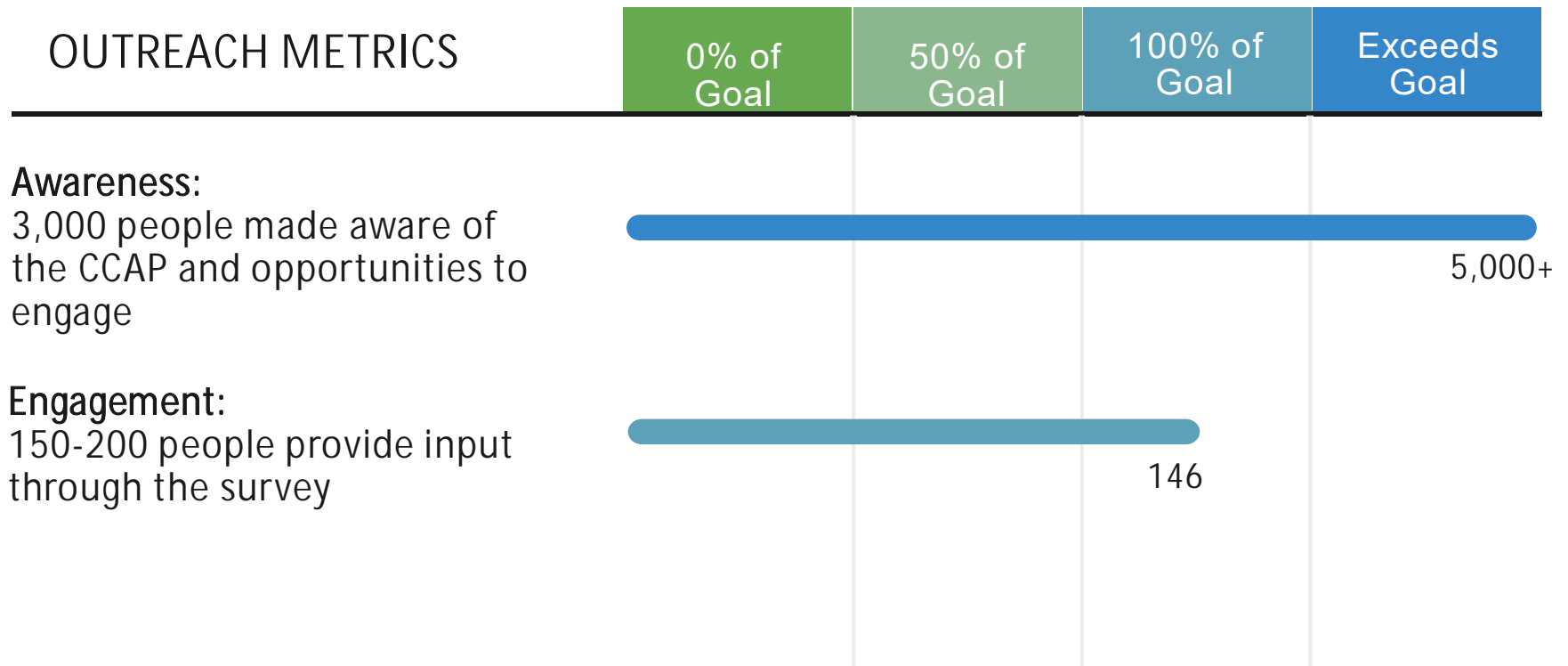
## Stakeholder Input

- Survey
  - Review of goals and strategies
  - Additional action ideas
  - Prioritization of Goals

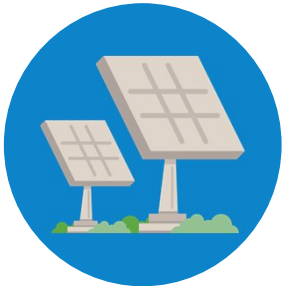


# Outreach Metrics

Measuring Success



# Common Topics of Comments



Solar & Renewables



Reduction Targets



Teleworking



Green Infrastructure



Environmental Justice



Water Conservation

# Implementation Program

1

## Prioritize Actions

Possible criteria include cost, co-benefits, effectiveness, and survey feedback.

2

## Measure Progress

Define metrics at the strategy level, including an updated greenhouse gas reduction goal.

3

## Reporting and Outreach

Continue to collaborate with internal and external stakeholders. Track progress publicly such as through a public dashboard.

## Next Steps

- Adopt the Climate Change Action Plan
- Implement CCAP
  - Update Carbon Accounting Methodology
  - Prioritize Actions and Develop Work Plans
  - Perform and Track Actions



# Valley Water

Clean Water • Healthy Environment • Flood Protection



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