



Santa Clara Valley Water District Board Policy and Planning Committee Meeting

Headquarters Boardroom

***AMENDED/APPENDED SPECIAL MEETING AGENDA**

**Wednesday, January 11, 2023
12:00 PM**

***ITEMS AMENDED AND/OR APPENDED SINCE THE ORIGINAL PUBLICATION OF THIS AGENDA
ARE IDENTIFIED BY AN ASTERISK (*) HEREIN**

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

BOARD POLICY AND PLANNING COMMITTEE

Nai Hsueh - District 5, Committee
Chair

Barbara Keegan - District 2,
Committee Vice Chair

Linda J. LeZotte, District 4

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

COMMITTEE CLERK

Michele L. King, CMC
Clerk, Board of Directors

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 Board Policy and Planning Committee

***AMENDED/APPEDED AGENDA**

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Wednesday, January 11, 2023

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Headquarters Boardroom

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

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

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

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

- Members of the Public may test their connection to Zoom Meetings at: <https://zoom.us/test>
- Members of the Public are encouraged to review our overview on joining Valley Water Board Meetings at: <https://www.youtube.com/watch?v=ToJpYCxXm0>

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

This agenda has been prepared as required by the applicable laws of the State of California, including but not limited to, Government Code Sections 54950 et. seq. and has not been prepared with a view to informing an investment decision in any of Valley Water’s bonds, notes or other obligations. Any projections, plans or other forward-looking statements included in the information in this agenda are subject to a variety of uncertainties that could cause any actual plans or results to differ materially from any such statement. The information herein is not intended to be used by investors or potential investors in considering the purchase or sale of Valley Water’s bonds, notes or other obligations and investors and potential investors should rely only on information filed by Valley Water on the Municipal Securities Rulemaking Board’s Electronic Municipal Market Access System for municipal securities disclosures and Valley Water’s Investor Relations website, maintained on the World Wide Web at [h t t p s : / / e m m a . m s r b . o r g /](http://www.valleywater.org/how-we-operate/financebudget/investor-relations) a n d <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/81170871803>

Meeting ID: 811 7087 1803

Dial by your location

1 (669) 900 9128

Meeting ID: 811 7087 1803

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

3. APPROVAL OF MINUTES:

3.1. Approval of Minutes.

[23-0002](#)

Recommendation: Approve the December 5, 2022, Minutes.

Manager: Michele King, 408-630-2711.

Attachments: [Attachment 1: December 5, 2022, Minutes.](#)

4. ACTION AND INFORMATION ITEMS

4.1. Update of the Water Resources Protection Manual. [22-0975](#)

- Recommendation: A. Receive information regarding Update of the Water Resources Protection Manual and outreach efforts related to the Guidelines and Standards for Land Use Near Streams; and
 B. Provide feedback to staff as needed.

Manager: Lisa Bankosh, 408-630-2618

Attachments: [Attachment 1: Adoption of Guidelines and Standards](#)
[Attachment 2: PowerPoint](#)

4.2. Climate Change Action Plan Implementation Update. [22-1378](#)

- Recommendation: A. Receive an update on high-priority climate change mitigation and adaptation actions; and
 B. Provide feedback to staff.

Manager: Lisa Bankosh, 408-630-2618

Attachments: [Attachment 1: Action Prioritization Methodology](#)
[Attachment 2: CCAP Goals, Strategies, and Actions](#)
[Attachment 3: Adaptation Flagship Metrics](#)
[Attachment 4: PowerPoint](#)

*4.3. (ITEM REMOVED FROM AGENDA) Receive Updates on Untreated Surface Water Program; Consider Recommended Two-Phase Proposal Changes to Take to Full Board.

4.4. 2023 Work Plan and Meeting Schedule and 2022 Accomplishments Report. [23-0001](#)

- Recommendation: A. Review Board Policy and Planning Committee's 2022 Accomplishment Report;
 B. Review and approve the draft 2023 Board Policy and Planning Committee's Work Plan and incorporate any new tasks; and
 C. Schedule Committee meetings as appropriate.

Manager: Michele King, 408-630-211

Attachments: [Attachment 1: 2022 BPPC Accomplishments Report](#)
[Attachment 2: Draft 2023 BPPC Work Plan](#)

5. CLERK REVIEW AND CLARIFICATION OF COMMITTEE REQUESTS.

This is an opportunity for the Clerk to review and obtain clarification on any formally moved, seconded, and approved requests and recommendations made by the Committee during the meeting.

6. ADJOURN:

6.1. Adjourn to Regular Meeting at 2:00 p.m., on February 6, 2023.



Santa Clara Valley Water District

File No.: 23-0002

Agenda Date: 1/11/2023
Item No.: 3.1.

COMMITTEE AGENDA MEMORANDUM

Board Policy and Planning Committee

SUBJECT:

Approval of Minutes.

RECOMMENDATION:

Approve the December 5, 2022, 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: December 5, 2022, Minutes.

UNCLASSIFIED MANAGER:

Michele King, 408-630-2711.



BOARD POLICY AND PLANNING COMMITTEE MEETING

DRAFT MINUTES

**Monday, December 5, 2022
2:00 PM**

(Paragraph numbers coincide with agenda item numbers)

**1. CALL TO ORDER
1.1 ROLL CALL**

A regular meeting of the Santa Clara Valley Water District (Valley Water) Board Policy and Planning Committee (Committee) was called to order at 2:00 p.m. on December 5, 2022.

Board Members in attendance: Director Nai Hsueh-District 5; and Director Barbara Keegan-District 2 constituting a quorum of the Committee.

Staff members in attendance: Aaron Baker, Rechelle Blank, John Bourgeois, Rick Callender, Theresa Chinte, Chris Hakes, Brian Hopper, Michele King, Carlos Orellana, and Tina Yoke.

Arthur Keller, Vice Chair, Environmental and Water Resources Committee was in attendance.

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

Committee Chair Hsueh declared time open for public comment on any item not on the agenda. There was no one present who requested to speak.

3. 3.1 APPROVAL OF MINUTES – November 7, 2022.

The Committee considered the draft minutes from the November 7, 2022, meeting. It was moved by Director Keegan, seconded by Director Hsueh, and unanimously carried to approve the minutes as presented.

4. Information and Action Items

4.1 Present a Proposed Update to the Ordinance of Santa Clara Valley Water District Specifying Rules of Decorum in the Participation of Board and Committee Meetings to Align with Recent Amendments to Government Code § 54987.95.

Carlos Orellana, District Counsel, reviewed the information on this item per the attached Committee Agenda Memorandum.

It was moved by Director Keegan, seconded by Director Hsueh, and unanimously carried to approve staff presenting a proposed update to the Ordinance of Santa Clara Valley Water District Specifying Rules of Decorum in the Participation of Board and Committee Meetings to align with recent amendments to Government Code § 54987.95.

4.2 Discuss and Identify a Process to Propose to the Board for Incorporating a Board Code of Conduct into the Board's Governance Policies.

Committee Chair Hsueh provided background information related to this item and Michele King, Clerk of the Board, reviewed the information outlined in the attached Committee Agenda Memorandum.

Director Keegan provided the following input –

- A new policy should be explicit, and the Board Chair should be responsible for enforcement.
- Scheduling Directors' input should allow time incoming directors to experience a few Board meetings.
- Information on Codes of Conduct from other agencies should be included in the Board agenda Item.

Director Hsueh provided the following input –

- In the data collection process, a third party should interview Directors.

Katja Irvin suggested that during the data collection portion of the process, consulting with an institution that performs this type of work, such as Institute for Local Government, would be beneficial.

It was moved Director Keegan, seconded by Director Hsueh, and unanimously approved to make a request to the full Board to add an item to the 2023 BPPC Work Plan to administer a process to incorporate a proposed Board Code of Conduct into the Board's Governance Policies, as outlined in the Committee Agenda Memorandum.

4.3 2022 WORK PLAN AND MEETING SCHEDULE

BPPC Chair Hsueh reviewed the 2022 Work Plan to identify proposed items for the 2023 work plan.

Director Keegan stated that the Board's strategic planning process should be more flexible, the Board and/or the Committee should have input into the selection of the consultant that performs the planning process and suggested that the new Board members provide input on the FY23-24 process. The item will remain on the BPPC Work Plan.

Arthur Keller, Environmental and Water Resources Committee Vice Chair, stated his support for the strategic planning workshop.

The work plan will be updated with the proposed 2023 tasks and brought to the Committee in January for approval.

5. CLERK REVIEW AND CLARIFICATION OF COMMITTEE REQUESTS.

There were no formal requests from the Committee.

6. ADJOURNMENT

Chair Director Hsueh adjourned the meeting at approximately 2:50 p.m.

Michele L. King
Clerk of the Board

Approved:

Attachment 1
Page 2 of 2



Santa Clara Valley Water District

File No.: 22-0975

Agenda Date: 1/11/2023

Item No.: 4.1.

COMMITTEE AGENDA MEMORANDUM

Board Policy and Planning Committee

SUBJECT:

Update of the Water Resources Protection Manual.

RECOMMENDATION:

- A. Receive information regarding Update of the Water Resources Protection Manual and outreach efforts related to the Guidelines and Standards for Land Use Near Streams; and
- B. Provide feedback to staff as needed.

SUMMARY:

At their June 6, 2022, meeting, the Board Policy and Planning Committee (Committee) received information from members of the Emerging Leaders Program regarding the Right of Way Use Policy Project, for the expansion of the Water Resources Protection Manual (WRPM). The project aimed to provide encroachment permit requirements specific to pipeline, reservoir and recharge pond, stream channel, and other types of Santa Clara Valley Water District (Valley Water) right-of-way (fee title property). Since that time, project objectives were expanded to include a comprehensive revision of the WRPM, and the effort has transitioned from the Emerging Leaders Program to the Community Projects Review Unit. The goal of the update is to streamline Valley Water's encroachment permit and associated license and agreement processes by:

- 1. Revising the WRPM to provide clear and comprehensive guidance on the encroachment permit process for project proponents;
- 2. Providing objective standards to evaluate proposed uses of Valley Water right-of-way, related to water supply, flood protection, and environmental stewardship objectives;
- 3. Developing specific requirements for each type of right-of-way and revising design guides for frequent features such as stormwater outfalls and bridges;
- 4. Gathering input and seeking concurrence from key external stakeholders;
- 5. Conducting a public hearing to consider revision of the Water Resources Protection Manual to include the updates.

Staff will provide additional information to the Committee on the framework, schedule, and outreach process for the proposed WRPM update.

At the June meeting and on other occasions, the Committee has expressed concern related to Valley Water's role in protecting riparian habitat and other water resources throughout the County. The Guidelines and Standards for Land Use Near Streams (Guidelines and Standards) were developed in 2006 by the Water Resources Protection Collaborative and form the basis for the WRPM. The Guidelines and Standards were variously approved by other members of the Collaborative (Attachment 1), and implementation is inconsistent across the County.

Staff has initiated outreach to reinforce the Guidelines and Standards, including seeking input from environmental stakeholders. It is anticipated that the WRPM update will provide a model for clarifying key elements of the Guidelines and Standards, such as riparian habitat protection, for potential adoption by agencies with land use authority.

ATTACHMENTS:

Attachment 1: Adoption of Guidelines and Standards

Attachment 2: PowerPoint

UNCLASSIFIED MANAGER:

Lisa Bankosh, 408-630-2618

Implementation of Guidelines and Standards by City/County/Town

City/County/ Town	Resolution or Ordinance	Link to Resolution or Ordinance	Adopted GnS?	Exemptions to GnS, if adopted?	Adopted partial GnS?	Early Consultation with Valley Water?	Website information for public and developers?
County of Santa Clara	Resolution (no number)	https://www.valleywater.org/sites/default/files/WRPC%20County%20of%20Santa%20Clara.pdf	NO, but.. Implement County projects to be consistent with GnS. Project review for land development is substantially consistent with GnS. Continue evaluation of stream policies and procedures. **Report back to HLUET in one year on the status and possible need to improve existing policies related to stream protection.		Use of GnS refers to Ch. 3 and 4	YES--refers all planning submittals	https://plandev.sccgov.org/how/development-information-and-guidelines/development-near-streams
Campbell	Resolution 10952	https://www.valleywater.org/sites/default/files/WRPC%20Campbell.pdf	YES	Applies to streamside developments, EXCEPT: -SFR in RE zones with non-discretionary approval -If inconsistent with the General Plan, Specific Plans, Design Guidelines and Zoning Ordinance		Depends--Some creekside parcels	NO
Cupertino	Ordinance 07-1992	https://www.valleywater.org/sites/default/files/WRPC%20Cupertino.pdf	YES	Stream Modification Permit required for properties located on or adjacent to a stream, EXCEPT: 1. Less than 3 CY of earthwork provided it does not damage, weaken, erode or reduce the effectiveness of the stream to withhold storm and flood waters. 2. Fences 6 feet or less in height or otherwise permitted by City. 3. Accessory structures 120 sq.ft. or less in size. 4. Interior or exterior additions or alterations to structures within the existing footprint. 5. Landscaping on SFR lots.		NO	https://www.cupertino.org/our-city/departments/public-works/permitting-development-services/engineering-standards-policies-procedures
Gilroy	Ordinance 2007-11	http://www.codepublishing.com/CA/Gilroy/html/Gilroy27A.html	YES	All development in Streamside Review Area (areas within 50 feet of top of bank of a creek), EXCEPT: 1. Remodels on SFR lots 10,000 sq.ft. or less 2. Less than 3 CY of earthwork 3. Interior building construction or alterations 4. Erection of storage buildings 120 sq.ft. or less and sited in a manner with least disruption to stream/streamside resources 5. Replacement of sewer/water laterals 6. Re-roofing 7. Wood fences 6 feet high or less and setback from top of bank 8. Exterior decks 30-inches or less higher than existing grade and do not extend beyond the creek bank 9. Modifications on a site located 50 feet or more from the top of bank or riparian corridor, whichever is greater		YES--refers all planning submittals	NO
Los Altos	Resolution 07-03	https://www.valleywater.org/sites/default/files/WRPC%20Los%20Altos.pdf	YES	Applies to streamside developments, EXCEPT: -If inconsistent with the General Plan, Specific Plans, Design Guidelines and Zoning Ordinance		Depends--Some creekside parcels	https://www.losaltosca.gov/communitydevelopment/page/land-use-development-near-streams
Milpitas	Resolution 7664	https://www.valleywater.org/sites/default/files/WRPC%20Milpitas.pdf	YES	Applies to streamside development, EXCEPT: 1. SFR without discretionary review 2. Remodels/rebuilds on RE zoned lots less than 10,000 sq.ft. or less		NO	NO

Mountain View	Resolution 17144	https://www.valleywater.org/sites/default/files/WRPC%20Mountain%20View.pdf	YES	Applies to streamside development, EXCEPT: 1. SFR without discretionary review 2. Remodels/rebuilds on RE zoned lots less than 10,000 sq.ft. or less		NO	NO
Morgan Hill	Resolution 6112	https://www.valleywater.org/sites/default/files/WRPC%20Morgan%20Hill.pdf	YES	Applies to streamside developments, EXCEPT: -If inconsistent with the General Plan, Specific Plans, Design Guidelines, Zoning Ordinance, and Municipal Code		YES--refers all planning submittals	https://www.morgan-hill.ca.gov/DocumentCenter/View/35912/Residential-Development-Design-and-Development-Standards--Adopted-12182019-CC-Reso-19-065
Palo Alto	Ordinance 4932 and Ordinance 4934		YES	All development in Streamside Review Area (areas within 50 feet of top of bank of a creek), EXCEPT: 1. SFR without discretionary review 2. Less than 3 CY of earthwork 3. Interior building construction or alterations 4. Replacement of sewer/water laterals where location outside the protected areas is not readily available		Depends--Some creekside parcels	https://www.cityofpaloalto.org/Departments/Planning-Development-Services/Current-Planning/Ordinances-Maps-Guidelines-Standards
San Jose	Resolution 73644		NO, but.. City found existing City requirements, policies and practices are consistent with GnS.			YES--refers all planning submittals	NO
Santa Clara	Resolution 07-7391	https://www.valleywater.org/sites/default/files/WRPC%20Santa%20Clara.pdf	YES	City Manager or designee is authorized to implement and apply the appropriate guidelines and standards proscribed in the GnS		NO	NO
Saratoga	Resolution 07-028	https://www.valleywater.org/sites/default/files/WRPC%20Saratoga.pdf	YES	Applies to streamside developments, EXCEPT: -If inconsistent with the General Plan, Specific Plans, Design Guidelines, and Zoning Ordinance		Depends--Some creekside parcels	NO
Sunnyvale	Ordinance 2837-07	http://qcode.us/codes/sunnyvale/view.php?topic=19-6-19_81&frames=off	YES	Applies to streamside development	City Community Development Director may make minor additions or deletions to the GnS, but major changes require approval of the Water Resources Protection Collaborative.	NO	NO
Los Altos Hills	Resolution 26-07	https://www.valleywater.org/sites/default/files/WRPC%20Los%20Altos%20Hills.pdf	YES	Apply the GnS to the extent feasible and appropriate, EXCEPT: -If inconsistent with the General Plan, Zoning, and Site Development Ordinances		NO	NO
Los Gatos	Resolution 2007-020	https://www.valleywater.org/sites/default/files/WRPC%20Los%20Gatos.pdf	YES	Applies to streamside development to the extent feasible, EXCEPT: 1. SFR in Residential Zones without discretionary approval (ministerial projects) 2. Less than 3 CY of earthwork 3. Interior building construction or alterations 4. Storage buildings less than 120 sq.ft. 5. Replacement of utility laterals 6. Re-roofing 7. Wood fences 6 feet high or less 8. Exterior decks less than 30-inches above grade		Depends--Some creekside parcels	https://www.losgatosca.gov/index.asp?NID=1335
Monte Sereno	None found	N/A				NO	NO



Valley Water

Clean Water • Healthy Environment • Flood Protection



Water Resources Protection Manual Update

Presented by: **Lisa Bankosh**, AO Watershed Stewardship and Planning
Board Policy and Planning Committee January 11, 2023



AGENDA

1. History
2. Current Permit Process
3. Process Streamlining
4. Manual Update
 - Policy Criteria
 - Specific Requirements
5. Guidelines and Standards



Jurisdictional History

4

valleywater.org

Ordinance 59-1

1960

1970-
1990

Joint Use Ordinances

Water Resources
Protection
Collaborative

2002

Guidelines and
Standards for Land
use Near Streams

2006

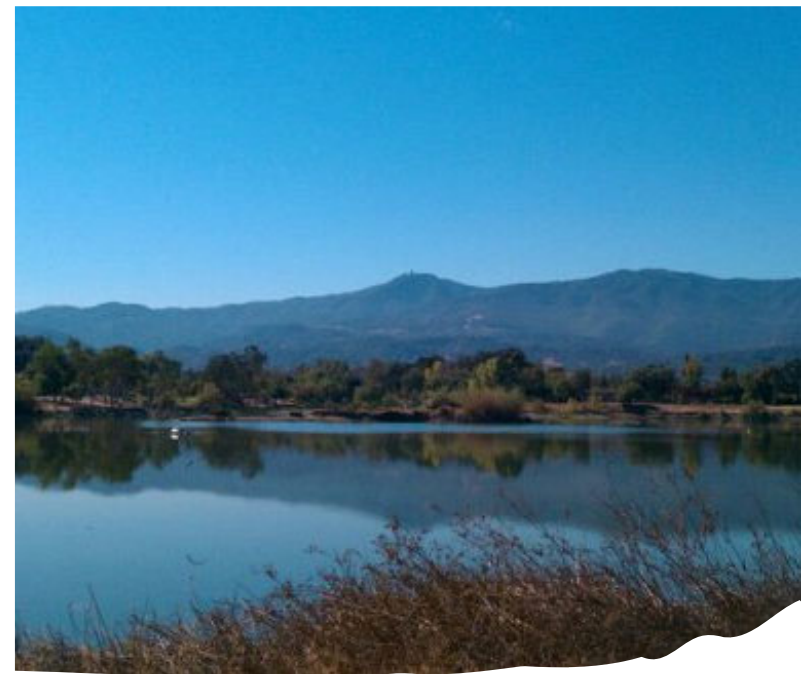
Trails Policy

2020

WRPM Revision

2023





Water Resources Protection Collaborative

WRPM Collaborative: Valley Water Actions



**Water Resources
Protection
Ordinance**

**Encroachment
Permit**

**Limited to VW
Property**

Technical Assistance

Water Resources Protection Manual

“basis for evaluation of applications for Encroachment Permits, for establishment of Encroachment Permit conditions in order to make the required findings for issuance of such Encroachment Permits.”

Need for WRPM Expansion

- Provide **objective criteria** to evaluate projects based on existing policy
- Define **clear and specific requirements** for use of each right-of-way type
- Clarify permit agreement process and provide checklists for applicants
- Include input from stakeholders, permittees, and partners

Objective Criteria

Standards by which all proposed uses would be evaluated

- Water Quality
- Flood Protection
- Water Supply
- Habitat Protection
- Bank stability
- O&M Access



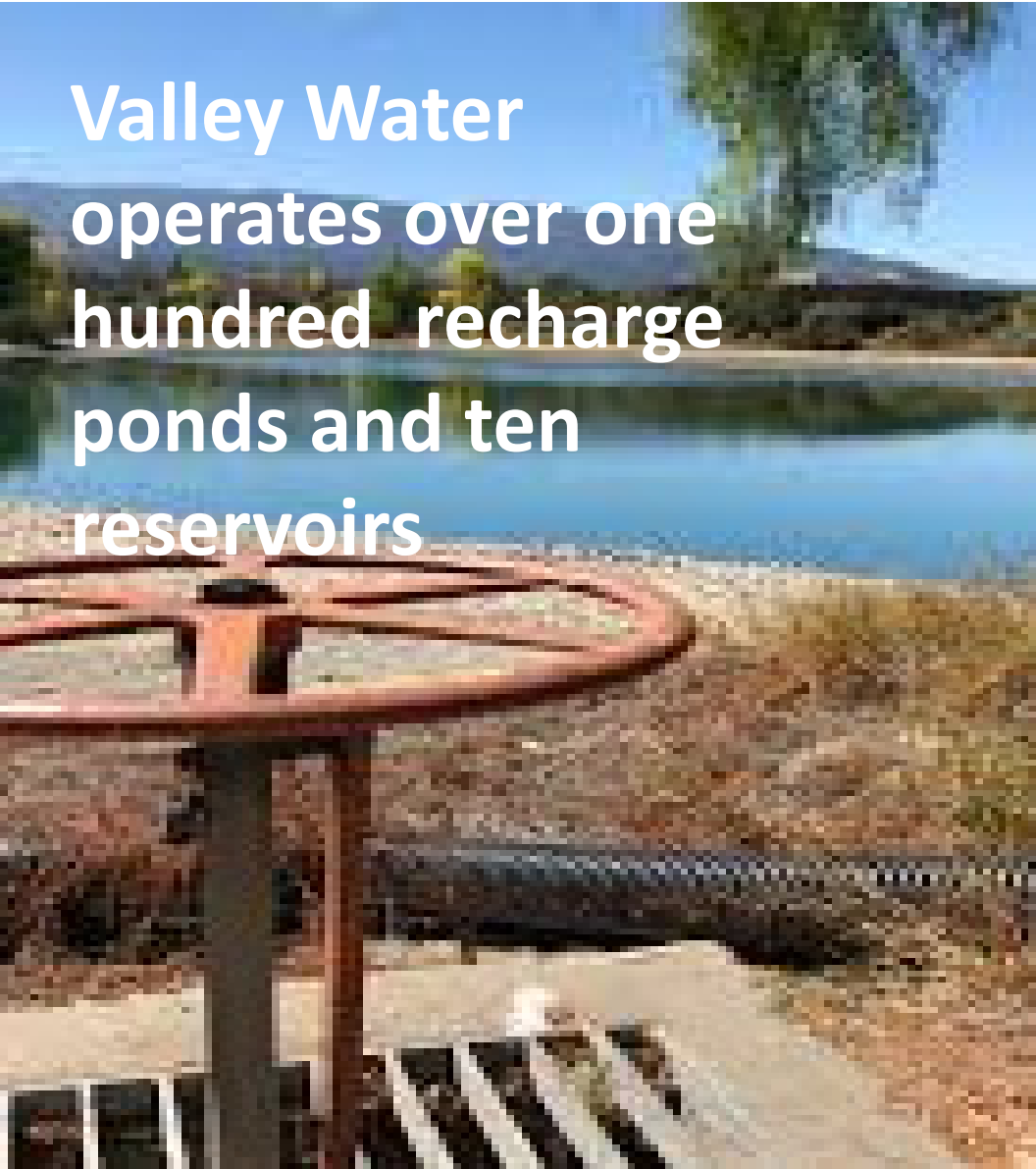
Valley Water operates more than 144 miles of pipeline over 1000 acres of ROW

- VW easement over other public or private property
- VW fee title with underlying easement held by others
- VW fee title clear

Right of Way Type: **Pipeline**

Common Issues

- vertical and horizontal clearances
- corrosion protection
- water main and non-potable separation
- root damage
- O&M access impediments



**Valley Water
operates over one
hundred recharge
ponds and ten
reservoirs**

Right of Way Type: **Reservoirs and Recharge Ponds**

Common Issues

- stormwater outfalls
- recreational use compatibility
- invasive species
- O&M access

Valley Water Owns 274 Miles of Creek, more than a third of the total stream miles in the County

188 Miles of Natural Channel

52 Miles of Modified Channels

- Concrete: 33.7
- Rock-lined: 13
- Gabion: 1.8

**54 Miles of Modified Channels
with Ecological Values**

Right of Way Type: **Stream Channels**

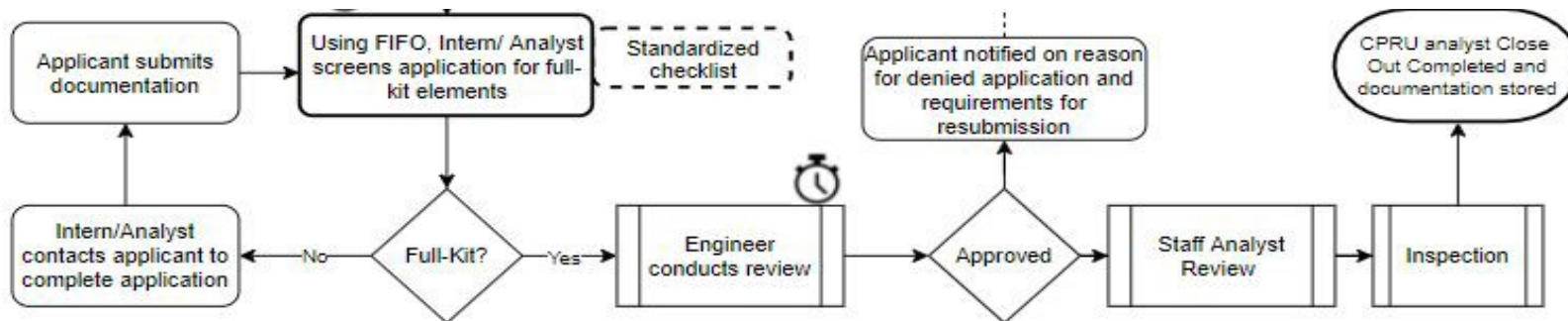
Common Issues

- Residential development
- stormwater outfalls
- bridges
- mitigation plantings
- utility crossings
- trails

Clear Process

Recommendations 1 and 2 Confirm Core Functions and Standardize Processes

Recommendations 4 and 12 Improve Efficiency of Permit Processing



Revised Design Guides

Utility Crossing

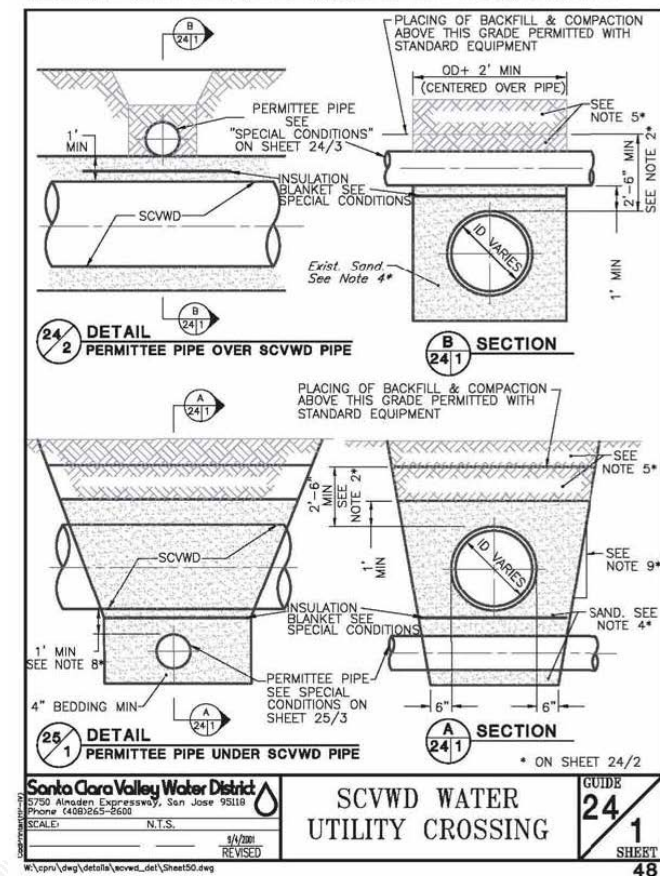
Outfall/pump station

Bridges

Trails

Parallel/longitudinal encroachment

Easement on private property



WRPM EXPANSION

Internal Stakeholder Review

Raw Water Operations

Watershed O&M

Water Quality

Phase 1 2022

Right of Way Use Policy Project Framework

Emerging Leaders Program

Phase 2 2023

Develop Policy Criteria and Facility Requirements

Community Projects
Review Unit + Task Force

Technical Review Panel

Santa Clara County Parks,

Roads and Airports

City Public Works Officials

Public Process

Phase 3 Early 2024

External stakeholder meetings

BPPC and Advisory Committee Review

Board Consideration

WRP Collaborative: City Actions



Guidelines and Standards For Land Use Near Streams

**Incorporate
into Land Use
Planning**

**Adopt by
Ordinance or
Resolution**

**Request Early
Consultation with
Valley Water**



Adoption of Guidelines and Standards

City/County/Town	Resolution or Ordinance	Adopted GnS?	Early Consultation with Valley Water?	Website?
County of Santa Clara	Resolution (no number)	NO, BUT..	YES	<u>YES</u>
San Jose	Resolution 73644	NO, BUT..	YES	NO
Monte Sereno	None found	NO	NO	NO
Campbell	Resolution 10952	YES	SOME	NO
Cupertino	Ordinance 07-1992	YES	NO	<u>YES</u>
Gilroy	Ordinance 2007-11	YES	YES	NO
Los Altos	Resolution 07-03	YES	SOME	<u>YES</u>
Milpitas	Resolution 7664	YES	NO	NO
Mountain View	Resolution 17144	YES	NO	NO
Morgan Hill	Resolution 6112	YES	YES	<u>YES</u>
Palo Alto	Ordinance 4932 and 4934	YES	SOME	<u>YES</u>
Santa Clara	Resolution 07-7391	YES	NO	NO
Saratoga	Resolution 07-028	YES	SOME	NO
Sunnyvale	Ordinance 2837-07	YES	NO	NO
Los Altos Hills	Resolution 26-07	YES	NO	NO
Los Gatos	Resolution 2007-020	YES	SOME	<u>YES</u>

Implementation Roadblocks

Staff Turnover

Roles and
Responsibilities?

Relevance

Climate
Change

Housing
Crisis

Implementation Opportunities

Adopt Climate Change/Resiliency Policies

- Incentivize riparian and floodplain setbacks
- Protect, enhance, and restore floodplains and riparian habitats
- Encourage water use reduction and recycling

Enforce Guidelines and Standards

- Incorporate into Municipal and Zoning Code
- Adopt the Enhanced practices
- Incorporate into General Plans

Utilize Valley Water as a resource

- Include Valley Water in TACs or DRGs
- Large scale redevelopment / development advisory groups

QUESTIONS





Valley Water

Clean Water • Healthy Environment • Flood Protection



Santa Clara Valley Water District

File No.: 22-1378

Agenda Date: 1/11/2023

Item No.: 4.2.

COMMITTEE AGENDA MEMORANDUM

Board Policy and Planning Committee

SUBJECT:

Climate Change Action Plan Implementation Update.

RECOMMENDATION:

- A. Receive an update on high-priority climate change mitigation and adaptation actions; and
- B. Provide feedback to staff.

SUMMARY:

Santa Clara Valley Water District's (Valley Water) Climate Change Action Plan (CCAP), which establishes goals and strategies to further reduce Valley Water's emissions, bolster climate resilience, and enhance emergency preparedness, was adopted by the Board of Directors in July 2021. At that time, the Board directed staff to develop a CCAP Implementation Program and provide updates on implementation progress on an annual basis.

The CCAP Implementation Program tracks existing Valley Water projects, and programs that address climate goals, while also considering new actions to address additional climate mitigation and adaptation challenges. In FY23, the key focus areas of the CCAP Implementation Program are:

1. Enhance Valley Water's efforts to track and reduce its greenhouse gas emissions (GHGs) by preparing a GHG Reduction Plan; and
2. Monitor the implementation progress of the CCAP's adaptation actions.

Greenhouse Gas (GHG) Reduction Plan

CCAP goals that relate to climate mitigation consist of Goal 1 (Reduce Direct Emissions), Goal 2 (Expand Renewable Energy and Improve Efficiency), and Goal 3 (Reduce Indirect Emissions). Staff identified updating Valley Water's GHG accounting methodology and developing an agencywide GHG Reduction Plan as the highest priority actions for implementation. Valley Water now has a team of environmental consultants under contract to review and update Valley Water's GHG accounting practices as well as to identify pathways to further reduce carbon emissions based on the updated accounting methodology.

The GHG Reduction Plan development includes expanding Valley Water's emissions inventory to account for additional GHG sources, including construction emissions, develop innovative measures

to reduce GHG emissions, and establish a pathway to achieve net zero emissions in the GHG Reduction Plan. The Plan will establish metrics to track emissions reduction and targets consistent with State policy for attainment of net-zero statewide emissions. Thus far, annual activity data dating back to 2009 for Valley Water's operations that generate GHG emissions have been compiled and provided to the consultant team. In addition to emissions sources such as fleet fuel consumption and electricity usage that have been accounted for in past GHG inventories, staff are using modeling results from previous California Environmental Quality Act (CEQA) documentation to estimate construction-related emissions for Valley Water projects. Staff are currently working with the consultant team to determine the best approach to track and set targets for Valley Water's GHG reduction over time. Staff will present an overview of GHG accounting methodologies and target setting options for the committee's consideration.

Adaptation Actions, Metrics, and Targets

CCAP goals that relate to climate adaptation consist of Goal 4 (Water Supply Adaptation), Goal 5 (Flood Protection Adaptation), Goal 6 (Ecosystem Adaptation), and Goal 7 (Emergency Preparedness). Each goal is implemented through several strategies. As part of the adopted CCAP, possible actions were identified for each climate mitigation or adaptation strategy.

The first step of CCAP Implementation was to refine the potential actions and identify high, moderate, and lower priority actions. To accomplish this, staff convened an internal stakeholder working group and developed a numerical scoring system which includes the following factors: cost, risk of impact, effectiveness, stakeholder feedback, and co-benefits (Attachment 1).

- **Cost:** Actions were assigned to low, medium, and high cost categories. Lower cost actions received a higher score.
- **Risk of Impact:** Actions that address a climate-related impact with a higher likelihood of occurring and magnitude scored higher.
- **Effectiveness:** Actions that would implement a project or program with tangible climate resilience outcomes (as opposed to development of a plan, for example) scored higher.
- **Stakeholder Feedback:** Input from community stakeholders and local government partners was collected using an online survey during development of CCAP. Actions identified as most important to stakeholders received a higher score.
- **Co-benefits:** Secondary benefits we get when we take climate action (i.e. air quality, community benefit, regulatory alignment). Actions with one or more co-benefits were given a higher score.

The prioritization process resulted in identification of 59 high-priority climate-change adaptation actions (Attachment 2). To effectively represent Valley Water's priorities, and efficiently communicate progress on these priorities to the public, staff developed "flagship" metrics to represent each adaptation strategy that were based on the high priority actions (Attachment 3). The flagship metrics represent Valley Water's overall progress towards enhanced climate adaptation and resilience. Staff will present an overview of high priority adaptation actions and proposed flagship metrics and targets

for committee feedback.

Proposed Next Steps

After incorporating committee feedback, staff will complete the GHG inventory and target setting phases, followed by development of GHG reduction measures; continue to track progress on high priority actions, and provide a CCAP Implementation Update to the Board of the Directors.

ATTACHMENTS:

Attachment 1: Action Prioritization Methodology

Attachment 2: CCAP Goals, Strategies, and Actions

Attachment 3: Adaptation Flagship Metrics

Attachment 4: PowerPoint

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CCAP Prioritization Methodology

Introduction

This purpose of this methodology is to help Valley Water prioritize the possible actions identified in its Climate Change Action Plan (CCAP). The resulting prioritized list of actions will inform the CCAP's on-going implementation program. In addition to this initial prioritization, other factors may also play a role in determining whether and when actions can be pursued and thus this prioritization is only an initial assessment of the climate actions.

The prioritization methodology ranks both adaptation and mitigation actions using differing criteria (Table 1). These categories were informed by California Governor's Office of Emergency Services' California Adaptation Guide. All actions were assessed based on: cost, co-benefits, and survey feedback. Mitigation actions are also assessed on the emissions reductions that would result from each action. Adaptation actions are assessed on the avoided risk and effectiveness of each action.

<u>Prioritization Category</u>	<u>Adaptation, Mitigation, or Both?</u>	<u>Description</u>
Cost	Both	The cost of each action item in small, medium, or large categories, designated with the symbols \$, \$\$, or \$\$\$.
Co-Benefits	Both	The co-benefits that result from the climate action. Each action was assessed on its potential to provide one or more of the following co-benefits: additional environmental benefits (including cleaner air or water), cost saving, community benefit (including environmental justice and social justice), and improved collaboration and regulatory synergy.
Survey Feedback	Both	The goals that were ranked as most important to external stakeholders.
Emission Reductions	Mitigation	The number of emissions that will be reduced or avoided if the climate action is taken.
Risk	Adaptation	The likelihood and magnitude of the climate impact that the action is seeking to address, based on the vulnerability assessment.
Effectiveness	Adaptation	The effectiveness of the action in adapting Valley Water and its stakeholders to the climate impact it is seeking to address.

Table 1: Prioritization Categories Summary

Cost

The Environmental Protection Agency's "Resilient Strategies Guide for Water Utilities" was used to estimate the cost of each action (EPA 2020). This guide indicates the cost of each action item in small, medium, or large categories, designated with the symbols \$, \$\$, or \$\$\$\$. The broad assessment of cost provides an idea of the scale of the action to assess, without requiring a deep cost assessment of each action.

Co-Benefits

The co-benefits assessed include cleaner air, cost saving, community benefit, and improved collaboration and regulatory synergy. Community benefit includes enhancing recreational opportunities, community awareness and engagement, and environmental justice. A that provide one or more of these benefits receive additional points as to be more highly prioritized.

Survey Feedback

Through the outreach survey which was open for responses from December 2020 to January 2021, external stakeholders, including the general public, have the opportunity to share which of the climate goals are most important to them. This feedback is incorporated into the prioritization through points added to the goals that were ranked as most important to external stakeholders.

Emissions Reductions (Mitigation only)

Each mitigation strategy is assessed based on its ability to reduce Valley Water GHG emissions. These were determined through comparisons made to other CCAPs and emissions reduction reports. Each strategy is classified as a low, medium, or high reduction strategy. Each climate action that supports the strategy gets the subsequent points associated with the low, medium, or high classification.

Risk (Adaptation only)

The risk category describes the climate impact that the action is seeking to address, and the likelihood and magnitude of that impact. This was determined through the vulnerability assessment that informed the development of the CCAP.

Effectiveness (Adaptation only)

Effectiveness refers to how effective the action is in reducing the climate risk it seeks to address. This was measured, for the initial prioritization, based on the proximity of the action to completing a tangible project. Thus actions such as “build flood protection infrastructure” for example, would rank highly in effectiveness. In contrast, an action “consider options for flood protection infrastructure”, for example, would not be ranked as highly because it does not have a tangible impact on adaptation. However, in the second tier of prioritization these actions that may not be direct but are necessary to complete prior to another project’s implementation will be more highly considered.

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Attachment 3: CCAP Goals, Strategies and Priority Actions

Goal	Strategy	Action	Status	Program/Plan/Project Linkage	Implementation Actions	FY21-22 Progress
4	S4.1: Diversify local water supplies and expand drought-resistant water supply.	4.1.3 Collaborate on water reuse research projects.	Ongoing	Water Supply Planning (desal) Recycled Water Program	1. Perform a feasibility study of a desalination project located in Santa Clara County. 2. Expand use of recycled water	Desalination feasibility study initiated.
4	S4.1: Diversify local water supplies and expand drought-resistant water supply.	4.1.4 Expand on-site reuse	Expand	Water Conservation Programs (including landscape and graywater rebates)	1. Implement Safe Clean Water activities such as fire station water reuse. 2. Broaden participation in Valley Water's graywater program.	Collecting data for graywater program.
4	S4.1: Diversify local water supplies and expand drought-resistant water supply.	4.1.5. Resolve regulatory challenges to innovative local water solutions and increase coordination on alternative water uses.	Expand	Direct Potable Reuse (DPR) Flood Managed Aquifer Recharge (FloodMAR)	1. Continue to work on adoption of Model Water Efficient New Development Ordinance (MWENDO). 2. Complete Flood managed aquifer recharge (FloodMAR) planning study. 3. Continue to actively engage in state DPR regulation development.	
4	S4.1: Diversify local water supplies and expand drought-resistant water supply.	4.1.7 Increase capture and infiltration of stormwater and floodwater. Implement green stormwater infrastructure projects to maximize runoff retention, including those identified in the Stormwater Resources Plans as having water supply benefits.	Expand	Stormwater Resource Plans Municipal Regional Stormwater Permit Annual Reports	1. Identify areas with multiple Green Stormwater Infrastructure (GSI) benefits such as water supply, water quality improvements, and flood risk reduction, while also considering benefits to DACs. 2. Complete the FloodMAR planning study.	
4	S4.1: Diversify local water supplies and expand drought-resistant water supply.	4.1.8 Expand collaboration with stormwater agencies and South County stormwater permittees on green infrastructure and stormwater infiltration to ensure groundwater quality is protected.	Expand	Stormwater Resources Plans Land use-water coordination Groundwater Management Plan		
4	S4.2: Improve demand management and increase water conservation efforts.	4.2.4 Increase water conservation by methods such as encouraging climate appropriate landscapes.	Expand	Water Supply Planning and Conservation Agricultural Water Use Baseline Study Water Conservation Strategic Plan	1. Continue expanding Valley Water's conservation program. Justin: Leverage the findings of the 2021 Water Conservation Strategic Plan to implement targeting marketing strategies to increase participation in disadvantaged communities, as well as multi-family, commercial, industrial, and institutional properties. Leverage the Online Shopping Cart and Fixture Replacement Program to increase indoor water-use efficiency. Consider developing pilot programs to evaluate the effectiveness of additional water conservation programs.	Final FY21-22 numbers out in Nov 2022. Conservation updates include: - Increased lawn conversation rebate for low income households and veterans - Launch of the water conservation online shopping cart program - Fixture replacement program - Cost sharing program for advanced metering infrastructure (AMI) with water retailers
4	S4.3: Increase reliability of imported water.	4.3.1 Collaborate on and support Sierra Nevada watershed protection projects, such as by researching opportunities for GHG mitigation credit and collaborating with Sierra Nevada agencies (e.g. Sierra Nevada Watershed Improvement Program).	New			

Attachment 3: CCAP Goals, Strategies and Priority Actions

Goal	Strategy	Action	Status	Program/Plan/Project Linkage	Implementation Actions	FY21-22 Progress
4	S4.4: Support efforts to maintain and enhance source water quality.	4.4.4 Enhance collaboration with wastewater agencies and publicly owned treatment works (POTWs) on source control and wastewater collection system maintenance to protect recycled water and groundwater	Expand	Recycled Water Program/Purified Water (P3) - Palo Alto/Mtn View - San Jose	1. Continue planning for the Purified Water Project.	Purified Water Project EIR kicked off.
4	S4.4: Support efforts to maintain and enhance source water quality.	4.4.5 Conduct outreach to the public on water reuse and source water quality.	Expand	Communications Community Engagement Water Supply Master Plan		
4	S4.6: Increase flexibility and resilience of water utility operations and assets.	4.6.1 Develop storage, recharge, and conveyance options that support climate change adaptation efforts and are climate resilient.	Expand	Water Conservation and Planning Imported Water	1. Continue the evaluation of Semitropic diversification approaches. 2. Complete a planning study on improving recharge at San Pedro Ponds. 3. Evaluate Lexington Pipeline.	
4	S4.6: Increase flexibility and resilience of water utility operations and assets.	4.6.2 Develop asset management plans that incorporate climate change solutions and improve the reliability of aging water supply infrastructure.	Expand	Asset Management Operations & Maintenance Program	1. Develop climate change goals for water utility master plans. 2. In annual maintenance work planning, evaluate climate change needs for upcoming asset replacement and rehab projects	New asset management plans in FY24 and after will incorporate climate change solutions to improve the reliability of aging water supply infrastructure, and to promote adaptation, resilience, and flexibility in flood protection assets.
4	S4.6: Increase flexibility and resilience of water utility operations and assets.	4.6.4 Increase resiliency to climate change impacts that create risks for operations and water utility assets, such as including small-scale mitigation and adaptation efforts in projects' O&M cycles.	Expand	Asset Management O&M		
4	S4.6: Increase flexibility and resilience of water utility operations and assets.	4.6.5 Ensure that people, vehicles, and equipment can continue to access pipelines and other assets.	Ongoing	WU Maintenance		
4	S4.7: Support ecological water supply management objectives	4.7.3 Continue to participate in statewide environmental flows discussions.	Ongoing			
4	S4.7: Support ecological water supply management objectives	4.7.4 Participate in joint efforts with our partner water agencies and other state and federal agencies to support ecosystem restoration, research, and science-based water management for the SWP and CVP.	Ongoing			

Attachment 3: CCAP Goals, Strategies and Priority Actions

Goal	Strategy	Action	Status	Program/Plan/Project Linkage	Implementation Actions	FY21-22 Progress
5	S5.1: Minimize riverine flooding risks	5.1.4 Create natural floodplain areas, stream-upland transition areas, and upland buffers around streams locally.	Ongoing	NFP Partnerships such as VW-OSA partnership in Coyote Valley	1. Document climate benefits as a part of these efforts. 2. Document opportunities (coordination between One Water and CCAP).	
5	S5.1: Minimize riverine flooding risks	5.1.5 Expand procedures to plan and design capital projects for long-term stream resilience, including defining life-time costs, ensuring maintenance needs are defined and budgeted, ensuring documentation of mitigation and regulatory requirements, and training.	Ongoing	Business Planning and Analysis Asset Management	1. Use SCW F8 workflow as a mechanism to ensure maintenance needs are met or larger issues are forwarded to Watershed Asset Rehabilitation Program or Capital Improvement Program so that infrastructure remains resilient.	
5	S5.2: Minimize flood risk in coastal areas	5.2.1 Continue to seek partnerships and expand coordination to enhance fluvial and coastal flood protection projects, consistent with the Natural Flood Protection (NFP) procedures, such as the South San Francisco Bay Shoreline Study , , SFEI's Resilient by Design, and the South Bay Salt Pond Project.	Expand	Shoreline Study South Bay Salt Pond Project (SBSP)	1. Share information with partners and receive information from partners on approaches to fluvial and coastal flood protection.	
5	S5.2: Minimize flood risk in coastal areas	5.2.2 Continue work on capital projects and coordination with cities to address sea level rise related flooding risks.	Ongoing		1. Implement CIP projects and ensure they consider climate change impacts.	
5	S5.2: Minimize flood risk in coastal areas	5.2.4 Design coastal and Baylands flood protection projects that respond to sea level rise (e.g. restoring coastal/ Baylands habitat, improving channel design and management as encouraged by SFEI Flood Control 2.0, etc.).	NEW	SBSP Shoreline Study Palo Alto Tide Gates	1. Share information with partners and receive information from partners on approaches to fluvial and coastal flood protection.	
5	S5.2: Minimize flood risk in coastal areas	5.2.6 Install tidal gages to monitor and communicate rising sea levels.	Expand		1. Track existing gauges, determine need for new gauges, install new gauges, and identify process for monitoring gauges.	
5	S5.2: Minimize flood risk in coastal areas	5.2.7 Ensure regional collaboration in rising sea level efforts by continuing engagement with regional efforts such as Adapting to Rising Tides, CHARG and their One Bay Plan.	Ongoing	Coastal Hazard Adaptation Resiliency Group (CHARG) Bay Area Flood Protection Agencies Association (BAFPAA)	1. Document regional efforts Valley Water participates in, including Coastal Hazard Adaptation Resiliency Group (CHARG).	
5	S5.3: Improve flood preparedness of people, property, and habitat.	5.3.3 Work with land use agencies to reduce vulnerability to flooding by minimizing development and prioritizing natural space in floodplains, such as through installing vegetated buffers along creeks and obtaining easements in priority areas for flood protection.	Expand	CPRU	1. Remind cities of guidelines and standards/encourage adoption. 2. Develop training/education. 3. Check in with cities through Land use-water meetings.	
5	S5.3: Improve flood preparedness of people, property, and habitat.	5.3.4 Continue to enhance monitoring and/or maintenance programs for levees and flood walls, such as through collaboration with local agencies and training EOC staff about flooding risk areas.	Ongoing	Asset Management Emergency Action Plans	1. Convey problem areas (locations not meeting level of service) from asset management review to emergency response teams for EAPs/external coordination.	
5	S5.4: Implement projects and plans to increase the flexibility and resilience of flood protection operations and assets.	5.4.2 Develop planning and design procedures that incorporate climate change solutions for climate related flood impacts.	New		1. Codify guidance on how to incorporate climate-related flooding (fluvial and tidal) into project planning and design.	FY23 - coordinating with hydrology and hydraulics unit

Attachment 3: CCAP Goals, Strategies and Priority Actions

Goal	Strategy	Action	Status	Program/Plan/Project Linkage	Implementation Actions	FY21-22 Progress
	S5.4: Implement projects and plans to increase the flexibility and resilience of flood protection operations and assets.	5.4.3 Develop asset management plans for flood protection assets that incorporate climate change solutions and promote adaptation, resilience, and flexibility.	Expand	Asset Management	1. Add section to asset management plans that discusses climate change.	FY22 - 0 asset management plans incorporate climate change. FY23 - 2 asset management plans will include climate change FY24 forward - New asset management plans in FY24 and after will incorporate climate change solutions to improve the reliability of aging water supply infrastructure, and to promote adaptation, resilience, and flexibility in flood protection assets.
5	S5.4: Implement projects and plans to increase the flexibility and resilience of flood protection operations and assets.	5.4.8 Collaborate with local municipalities to incentivize green storm water infrastructure with benefits for flood attenuation.	New	Stormwater Resources Plans	1. Check in with cities through Land use-water meetings. 2. Encourage cities to carry out green stormwater infrastructure (GSI) in disadvantaged communities.	
5	S5.5: Expand the use of flood forecasting and modeling tools in the planning and design of agency projects to maximize protection from flood risks.	4.6.3 Improve hydrologic forecasting to better adapt to changing hydrology and extremes.	New	H&H	1. Plan and implement quantitative precipitation forecast updates for 1 day and 3-7 day forecasts.	
5	S5.5: Expand the use of flood forecasting and modeling tools in the planning and design of agency projects to maximize protection from flood risks.	5.5.5 Continue coordination with stakeholders to enhance monitoring and/or maintenance programs for Valley Water assets, such as through expanding the use of rain and stream gauges to help identify areas at risk of overtopping or flooding during large storm events.	Expand	H&H		
5	S5.5: Expand the use of flood forecasting and modeling tools in the planning and design of agency projects to maximize protection from flood risks.	5.5.6 Update and expand the implementation of Flood Risk Reduction Studies, which include hydrology, hydraulics, geotechnical and remapping work of floodplain.	Expand	H&H		

Attachment 3: CCAP Goals, Strategies and Priority Actions

Goal	Strategy	Action	Status	Program/Plan/Project Linkage	Implementation Actions	FY21-22 Progress
6	S4.5: Implement source water improvement and water treatment actions.	4.5.4. Design and develop invasive species control strategies for Valley Water's facilities and conveyance structures that are specific to the target organism (e.g. quagga and zebra mussels).	Expand	Valley Water's Dreissenid Mussel Prevention Plan Valley Water's quagga and zebra mussels monitoring program DWR's quagga and zebra mussels monitoring program Santa Clara County Parks and Valley Water Vessel Inspection Program Bay Area Regional Consortium Quagga and Zebra Mussels Coordinated Prevention Plan	1. Update Invasive Mussel Rapid Response Plan 2. Update vulnerability assessment of Valley Water's imported water facilities and potential impacts from Invasive Dreissenid Mussels	No mussel detections
6	S5.2: Minimize flood risk in coastal areas	5.2.3 Identify and pursue projects that increase the connectivity of coastal habitats and preserve the transition zone between the Bay's shoreline and streams' tidal zones, including wetland restoration and ecotone levees.	Expand	Calabazas/San Tomas Creek-Marsh Reconnection Project Shoreline Project Priority D2 (invasive Spartina removal) South Bay Salt Pond Project	1. Implement projects in CIP 2. Look for grant funding opportunities 3. Consider how Pond A4 fits in with tidal ecotones	
6	S6.1: Protect and enhance riverine, coastal, and other watershed ecosystems to improve climate change resilience and wildlife habitat.	6.1.11 Collaborate with land use agencies and municipalities to improve watershed and flood plain management and related goals and activities that increase climate change adaptability.	Expand	Community Projects Review Unit development review Land use-water meetings with cities	1. Check in with cities through Land use-water meetings 2. Encourage cities to include protected areas in their General Plans	New measure to be implemented in FY23/FY24.
6	S6.1: Protect and enhance riverine, coastal, and other watershed ecosystems to improve climate change resilience and wildlife habitat.	6.1.12 Improve operations to improve water quality for ecosystems, including by collaboration with land use agencies and municipalities.	Expand			
6	S6.1: Protect and enhance riverine, coastal, and other watershed ecosystems to improve climate change resilience and wildlife habitat.	6.1.2. Continue to complete Integrated Water Resources Master Plans for each watershed as part of the One Water program.	Expand			
6	S6.1: Protect and enhance riverine, coastal, and other watershed ecosystems to improve climate change resilience and wildlife habitat.	6.1.4 Develop asset maintenance plans for ecosystem assets that incorporate climate change solutions such as adaptation, resilience, and flexibility.	Expand			
6	S6.1: Protect and enhance riverine, coastal, and other watershed ecosystems to improve climate change resilience and wildlife habitat.	6.1.5. Monitor algal blooms in Valley Water's reservoirs and manage effectively using nutrient source reduction and/or in-reservoir treatment.	Expand		MS: Consider development of a Harmful Algal Bloom (HAB) monitoring and response program for reservoirs.	<ul style="list-style-type: none"> •Monthly water quality profiles including algal pigments (chlorophyll and phycocyanin) from Almaden, Calero, Guadalupe, and Stevens Creek Reservoirs. •Water quality profiles (Temp, pH, Turbidity, Fluorescence, DO, Conductivity) and cyanotoxin (Microcystin, Cylindrospermopsin, Anatoxin-A, Saxitoxin): year-round monthly at Calero and monthly between May and October at San Luis Reservoir. •Quagga and zebra monitoring (monthly/bi-weekly): Almaden, Calero, Coyote, Stevens Creek, Uvas, Chesbro, Lexington, Guadalupe, San Luis Reservoir, and Bifurcation (no detection)
6	S6.1: Protect and enhance riverine, coastal, and other watershed ecosystems to improve climate change resilience and wildlife habitat.	6.1.6 Implement habitat conservation and restoration activities, informed by climate-smart and climate-resilient best practices, throughout the watersheds Valley Water operates in, including upper watershed areas that drain to our creeks and baylands.	Expand			
6	S6.1: Protect and enhance riverine, coastal, and other watershed ecosystems to improve climate change resilience and wildlife habitat.	6.1.7 Continue to utilize excavated sediment to create and rehabilitate habitat, including ecotone levees in coastal areas.	Ongoing	Stream Maintenance Program, South Bay Salt Pond Project D3	Determine ways to increase % of sediment reuse, including partnership with SFEI for EPA WQIF grant funds	
6	S6.1: Protect and enhance riverine, coastal, and other watershed ecosystems to improve climate change resilience and wildlife habitat.	6.1.8. Continue to protect the climate resiliency of open spaces with regional partners, such as through collaboration with the Valley Habitat Agency, the Santa Clara County Open Space Authority, and the Mid-Peninsula Regional Open Space District.	Ongoing	Valley Habitat Plan Compliance Packages, Santa Cruz Mountain Stewardship Network	Make note of climate change related items in large conservation lands	
6	S6.2: Develop and expand programs and plans that support more climate-resilient ecosystems.	6.2.1 Establish political and legal mechanisms for mutually beneficial inter-agency programs, plans, and projects that restore regional ecosystems.	Expand	San Francisco Bay Restoration Regulatory Integration Team CDFW Cutting the Green Tape Regional Board MOU	Participate in regional efforts and local partnerships to protect and restore ecosystems	

Attachment 3: CCAP Goals, Strategies and Priority Actions

Goal	Strategy	Action	Status	Program/Plan/Project Linkage	Implementation Actions	FY21-22 Progress
6	S6.2: Develop and expand programs and plans that support more climate-resilient ecosystems.	6.2.10. Avoid the spread of invasive species through prevention and removal efforts.	Expand	Valley Water Invasive Plant Management Program (IPMP)		
6	S6.2: Develop and expand programs and plans that support more climate-resilient ecosystems.	6.2.12 Develop best management practices to reduce erosion and runoff following wildfire.	New			
6	S6.2: Develop and expand programs and plans that support more climate-resilient ecosystems.	6.2.13. Update Valley Water's Water Resource Protection Ordinance and Manual	Expand	CPRU		
6	S6.2: Develop and expand programs and plans that support more climate-resilient ecosystems.	6.2.2. Continue to support and expand funding partnerships with regional land conservation and management agencies to promote landscape-scale habitat linkages and preserve conservation values.	Ongoing			
6	S6.2: Develop and expand programs and plans that support more climate-resilient ecosystems.	6.2.4 Implement actions related to ecosystem connectivity and resilience that are included in existing plans and programs	Expand	One Water Safe Clean Water Priority D FAHCE SGMA Groundwater dependent ecosystem (GDE) monitoring Stewardship and mitigation site monitoring	1. Track actions from plans and programs and propose for CIP, small capital projects, mitigation, and/or partner project as appropriate. 2. Continue to develop and/or update plans and programs to identify priorities for actions that can contribute to ecosystem connectivity and resilience.	Tracking connectivity through One Water - Coyote Creek Watershed Plan
6	S6.2: Develop and expand programs and plans that support more climate-resilient ecosystems.	6.2.6. Improve aquatic habitat connectivity through the Fisheries and Aquatic Habitat Collaborative Effort (FAHCE) and other programs and projects.	Expand			
6	S6.2: Develop and expand programs and plans that support more climate-resilient ecosystems.	6.2.7 Continue to move towards a geomorphic watershed approach when designing streams.	Expand			
6	S6.2: Develop and expand programs and plans that support more climate-resilient ecosystems.	6.2.8 Participate in statewide coordination on managing functional environmental flows in a climate-responsive manner.	Ongoing			
6	S6.2: Develop and expand programs and plans that support more climate-resilient ecosystems.	6.2.9. Promote climate-smart planting, such as by coordinating with the Valley Habitat Agency to include climate-smart planting palettes in the Valley Habitat Plan.	Expand	Plant palettes developed for Safe Clean Water program Valley Habitat Plan	1. develop one palette for residential and/or commercial use 2. develop one palette for natural landscape use (e.g. restoration projects) 3. Coordinate with VHA	
6	S6.2: Develop and expand programs and plans that support more climate-resilient ecosystems.	6.2.12. Develop Best Management Practices to reduce erosion and runoff following wildfire.	New			
6	S6.3: Expand the availability of data in regional ecosystems in order to avoid detrimental climate change-related ecosystem impacts.	6.3.1 Continue and improve monitoring and land management activities to ensure preservation of conservation values throughout the county, particularly in the upper watershed.	Expand	SCW D5 monitoring SCW D2 (future - early detection rapid response for invasives) Stewardship and mitigation site monitoring FAHCE aquatic habitat and temperature monitoring Partner organization monitoring and management programs	1. Make note of climate change related items in large conservation land projects 2. Make note of climate change in D5 and D2 projects	
6	S6.3: Expand the availability of data in regional ecosystems in order to avoid detrimental climate change-related ecosystem impacts.	6.3.6 Add depressional wetlands (ponds), lacustrine wetlands (vegetated margins of lakes and reservoirs), and tidal Baylands to ambient condition surveys conducted for the Safe, Clean Water Program's Project D5 (Ecological Data Collection and Analysis).	New	One Water D5 SGMA groundwater dependent ecosystem (GDE) monitoring	Assess ecological conditions and consider new assessments for depressional and estuarine habitats (including impacts from climate change)	

Attachment 3: CCAP Goals, Strategies and Priority Actions

Goal	Strategy	Action	Status	Program/Plan/Project Linkage	Implementation Actions	FY21-22 Progress
7	S7.1: Maximize Valley Water's emergency preparedness for climate related impacts (e.g.: from flooding, extreme heat events, fire, severe storms).	5.3.1 Use flood forecasts to collaborate on flood protection efforts such as watershed level Emergency Action Plans and flood warning systems, for vulnerable areas and populations (e.g.: homeless persons and disadvantaged communities).	New	Valley Water working with SCU on modeling.	Convey forecasting info to emergency response teams for EAPs/external coordination, with special attention paid to DACs	
7	S7.1: Maximize Valley Water's emergency preparedness for climate related impacts (e.g.: from flooding, extreme heat events, fire, severe storms).	Create, maintain and update Emergency Action Plans (EAPs) that include vulnerable areas and populations and anticipates higher severity and frequency of climate change impacts.	Expand	Emergency Action Plans Safe Clean Water Program	1. Identify risk priorities. 2. Complete flood management plans/procedures (e.g. EAPs and annexes).	2 complete : Lower Penitencia Creek EAP and Lower Peninsula Watershed EAP
7	S7.1: Maximize Valley Water's emergency preparedness for climate related impacts (e.g.: from flooding, extreme heat events, fire, severe storms).	6.2.11. Coordinate with cities, the County of Santa Clara, and landowners to develop wildfire burn rehabilitation plans.	New	Local Hazard Mitigation Plan		
7	S7.1: Maximize Valley Water's emergency preparedness for climate related impacts (e.g.: from flooding, extreme heat events, fire, severe storms).	7.1.1 Develop a centralized approach for data and projections (e.g., preferred general circulation models (GCMs), representative concentration pathways (RCPs), downscaling methods, etc.) for use throughout Valley Water to assess, predict, and respond to climate change impacts.	Ongoing			
7	S7.1: Maximize Valley Water's emergency preparedness for climate related impacts (e.g.: from flooding, extreme heat events, fire, severe storms).	7.1.3 Improve staff training about responding to and addressing climate-related disasters.	Expand			
7	S7.1: Maximize Valley Water's emergency preparedness for climate related impacts (e.g.: from flooding, extreme heat events, fire, severe storms).	7.1.4 Improve communication to the public about climate-related disasters.	Expand	Communications	1. Develop messaging to public focused on climate change impacts. 2. Develop messaging specific to DAC/underserved areas focused on climate change.	
7	S7.1: Maximize Valley Water's emergency preparedness for climate related impacts (e.g.: from flooding, extreme heat events, fire, severe storms).	7.1.6 Ensure assets are equipped to handle climate-related emergencies such as increased heat.	Expand	Asset Management Program		
7	S7.1: Maximize Valley Water's emergency preparedness for climate related impacts (e.g.: from flooding, extreme heat events, fire, severe storms).	7.1.7 Continue engagement with the Santa Clara County Emergency Managers Association (SCCEMA).	Ongoing		1. Participate in meetings with SCCEMA.	

Goal	Strategy	Actions	FLAGSHIP METRICS	TARGETS
4	S4.1: Diversify local water supplies and expand drought-resistant water supply.	4.1.7 Increase capture and infiltration of stormwater and floodwater. Implement green stormwater infrastructure projects to maximize runoff retention, including those identified in the Stormwater Resources Plans as having water supply benefits. 4.1.8 Expand collaboration with stormwater agencies and South County stormwater permittees on green infrastructure and stormwater infiltration to ensure groundwater quality is protected. 4.4.4. Enhance collaboration with wastewater agencies and publicly owned treatment works (POTWs) on source control and wastewater collection system maintenance to protect recycled water and groundwater 4.1.3 Collaborate on water reuse research projects.	Percent of local supply in overall portfolio.	1. 10% of supplies from recycled water by 2030. 2. At least 1000 AF of stormwater by 2040.
4	S4.2: Improve demand management and increase water conservation efforts.	4.1.4. Expand on-site reuse 4.2.4 Increase water conservation by methods such as encouraging climate appropriate landscapes. 4.4.5. Conduct outreach to the public on water reuse and source water quality. 4.1.3 Collaborate on water reuse research projects.	Average annual water conservation savings.	1. Conserve 109,000 AF annually by 2040 (compared to 1992 baseline).
4	S4.6: Increase flexibility and resilience of water utility operations and assets.	4.6.1. Develop storage, recharge, and conveyance options that support climate change adaptation efforts and are climate resilient.	Optimize water supply system to maximize Valley Water's ability to store and retrieve dry year supplies during an extended drought.	1. Complete Anderson Reservoir by FY2030. 2. Complete other seismically restricted reservoirs by 2035. 3. Complete 3 repair, improvement, or expansion projects for our conveyance system by FY2030.
4&5	S5.4: Implement projects and plans to increase the flexibility and resilience of flood protection operations and assets.	4.6.2 Develop asset maintenance/management plans that incorporate climate change solutions and sustain and improve the reliability of aging infrastructure. 4.6.5 Ensure that people, vehicles, and equipment can continue to access pipelines and other assets. 5.4.3 Develop asset management plans for flood protection assets that incorporate climate change solutions and promote adaptation, resilience, and flexibility.	All future asset management plans incorporate climate change impact assessment.	1. 100% of future asset management plans incorporate assessment of climate change impacts.
5	S5.5: Expand the use of flood forecasting and modeling tools in the planning and design of agency projects to maximize protection from flood risks.	4.6.3 Improve hydrologic forecasting to better adapt to changing hydrology and extremes. 5.1.5 Expand procedures to plan and design capital projects for long-term stream resilience, including defining life-time costs, ensuring maintenance needs are defined and budgeted, ensuring documentation of mitigation and regulatory requirements, and training. 5.3.1 Use flood forecasts to collaborate on flood protection efforts such as watershed level Emergency Action Plans and flood warning systems, for vulnerable areas and populations (e.g.: homeless persons and disadvantaged communities). 5.4.2 Develop planning and design procedures that incorporate climate change solutions for climate related flood impacts.	All flood protection projects are planned and designed with flexibility and according to updated procedures that incorporate future climate change scenarios in flood risk modeling.	1. 100% of future flood protection projects planned and designed with consideration of climate change scenarios in flood risk modeling.

5&6	S5.3: Improve flood preparedness of people, property, and habitat.	6.1.11 Collaborate with land use agencies and municipalities to improve watershed and flood plain management and related goals and activities that increase climate change adaptability. 6.2.13. Update Valley Water Resource Protection Ordinance and Manual	Review of all development projects includes analysis for floodplain preservation/restoration.	1. 100% of development projects shared with Valley Water are reviewed, including analysis for floodplain preservation/restoration.
6	S6.1: Protect and enhance riverine, coastal, and other watershed ecosystems to improve climate change resilience and wildlife habitat.	6.2.4 Implement actions related to ecosystem connectivity and resilience that are included in plans and programs such the One Water Plan and Climate Change Action Plan.	Channel length with connected riverine aquatic and riparian habitat.	1. Increase channel length with a riparian width of >10 m for the mainstem and tributaries.
6	S6.1: Protect and enhance riverine, coastal, and other watershed ecosystems to improve climate change resilience and wildlife habitat.	5.2.3 Identify and pursue projects that increase the connectivity of coastal habitats and preserve the transition zone between the Bay's shoreline and streams' tidal zones, including wetland restoration and ecotone levees. 6.1.7 Continue to utilize excavated sediment to create and rehabilitate habitat, including ecotone levees in coastal areas.	Total acreage of tidal marsh and upland transition areas.	1. Achieve short term target of 3000 acres restored (baseline of 2320 of 3000 acres restored to date) in accordance with the South Bay Salt Pond Project.
6	S6.2: Develop and expand programs and plans that support more climate-resilient ecosystems.	6.2.9. Promote climate-smart planting, such as by coordinating with the Valley Habitat Agency to include climate-smart planting palettes in the Valley Habitat Plan.	Climate resistant plant palettes are developed in coordination with Valley Habitat Agency.	1. Number of projects utilizing climate smart palettes in planning or implementation phase
6	S6.2: Develop and expand programs and plans that support more climate-resilient ecosystems.	4.5.4. Design and develop invasive species control strategies for Valley Water's facilities and conveyance structures that are specific to the target organism (e.g. quagga and zebra mussels). 6.1.5. Monitor algal blooms in Valley Water's reservoirs and manage effectively using nutrient source reduction and/or in-reservoir treatment.	Implement programs to monitor and address aquatic invasive species and harmful algal blooms.	1. Reduce detections of invasive mussel species in Valley Water reservoirs 2. No detections of cyanotoxins in surface waters
7	S7.1: Maximize Valley Water's emergency preparedness for climate related impacts (e.g.: from flooding, extreme heat events, fire, severe storms).	Create, maintain and update Emergency Action Plans (EAPs) that include vulnerable areas and populations and anticipates higher severity and frequency of climate change impacts.	Complete flood management plans/procedures (e.g. EAPs and annexes) based on risk priorities.	SCWF2 KPI: Complete 2 flood management plans/procedures per year, selected by risk priority.
7	S7.1: Maximize Valley Water's emergency preparedness for climate related impacts (e.g.: from flooding, extreme heat events, fire, severe storms).	Improve upon current flood forecasting capabilities to enhance emergency preparedness.	SCWF7 (KPI#2): Improve flood forecast accuracy and emergency response time working with the National Weather Service and through research and development.	



CCAP Implementation Update

*Presented By: Brian Mendenhall, Senior Water Resources Specialist
Nick Mascarello, Associate Water Resources Specialist*

Board Policy and Planning Committee – January 9, 2023

Climate Change Action Plan

Valley Water's framework for climate change response

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

CCAP Mitigation Goals

GOAL 1

Reduce Direct
Emissions

GOAL 2

Expand Renewable
Energy & Improve
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

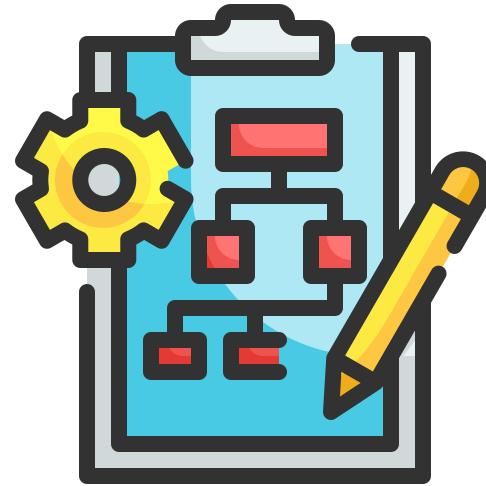
Emergency
Preparedness

CCAP Implementation

Role of Implementation Team

Oversees mitigation and adaptation actions

Measures CCAP implementation progress



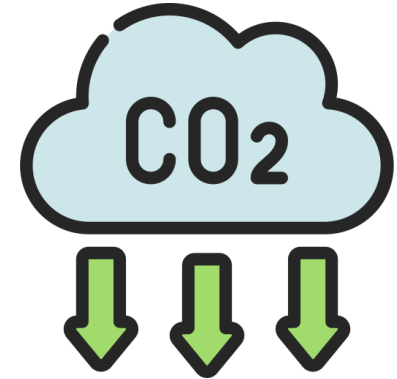
Coordinates with related programs and subject matter experts

Annual reporting and future CCAP updates

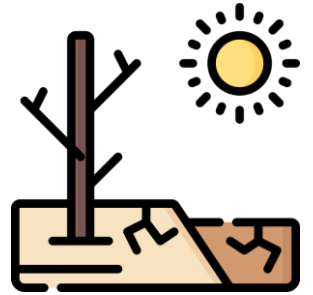
Implementation Updates

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

Mitigation Actions and Metrics



Adaptation Actions and Metrics



Mitigation Actions and Metrics

Greenhouse Gas Reduction Plan

Priority Mitigation CCAP Actions:

- Update GHG and offset accounting methodology
- Evaluate benefits of GHG Reduction Plan

By preparing a GHG Reduction Plan, Valley Water will:

- Inventory and mitigate additional GHG sources
- Establish GHG reduction targets consistent with or that exceed State targets
- Review options for defensible GHG offsets
- Potentially create CEQA streamlining opportunities



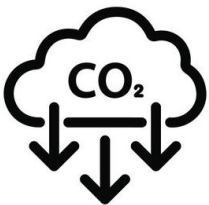
Source: US EPA

GHG Reduction Plan

Planning Process



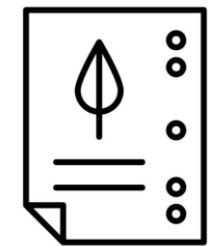
Data Collection



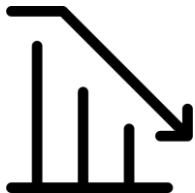
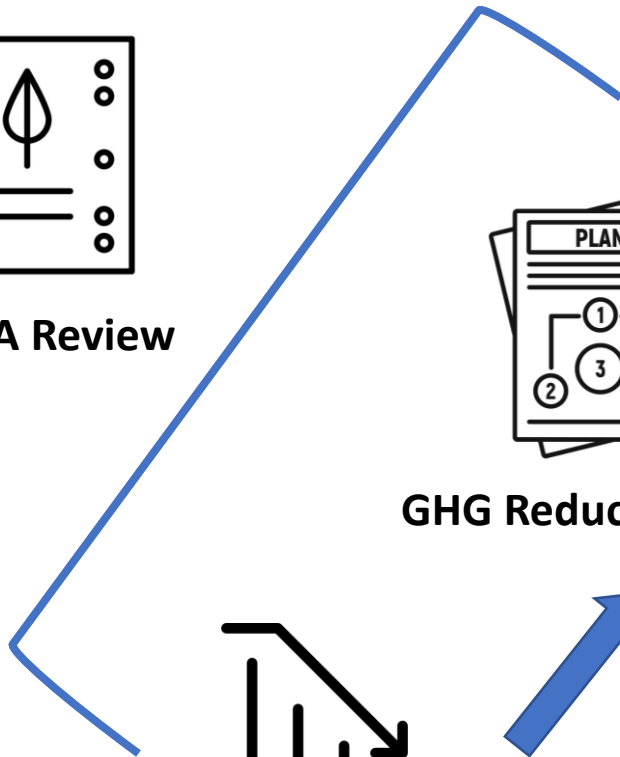
GHG Inventory



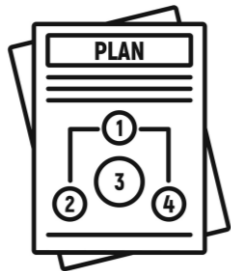
Emissions Forecast and
Target Setting



CEQA Review



GHG Reduction
Measures



GHG Reduction Plan



GHG Reduction Plan

Baseline/Interim Target and Net-Zero Target Approaches

State Policies and Guidance

- **SB 32** (2016): 40% emissions reduction statewide below 1990 levels by 2030
- **AB 1279** (2022): Net-zero emissions statewide no later than 2045; 85% emissions reduction statewide below 1990 levels by 2045
- **2022 Scoping Plan**: No specific GHG target or target setting method recommended, in contrast to prior versions

Baseline/Interim Target Approach

- Perform GHG inventory for baseline year
- Estimate 1990 emissions or emissions from comparable year
- Establish 2030 and 2045 target emission levels consistent with state policies
- Complete follow up inventories and measure GHG reductions against targets

Net-Zero Target Approach

- Perform GHG inventory for a selected reference year
- Establish net-zero emissions target
- Achieve net-zero target as soon as possible, no later than 2045
- Complete follow up inventories to track progress towards net-zero emission

Adaptation Actions and Metrics

Metric Development

Staff used a systematic process to develop metrics for adaptation actions:

- Action prioritization
- Grouping of high priority actions
- Identifying existing program linkages
- Engaging subject matter experts

GOAL 4

Water Supply
Adaptation

GOAL 5

Flood Protection
Adaptation

GOAL 6

Ecosystem
Adaptation

GOAL 7

Emergency
Preparedness

Evaluating Adaptation Actions

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



Cost



Co-Benefits



Effectiveness



Risk of Impact



Stakeholder Feedback

Grouping High Priority Adaptation Actions

- High-priority actions grouped according to strategy

Water Supply Adaptation Action Types

Facility Maintenance
Local Water Supply
System Reliability
Stormwater
Water Conservation

Flood Protection Adaptation Action Types

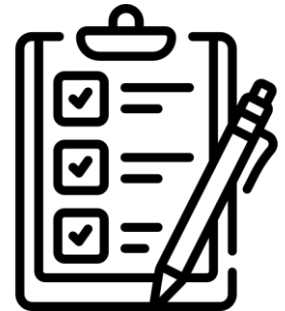
Flood Risk Reduction
Facility Maintenance
Preparedness/Forecasting
Sea Level Rise
Stormwater

Ecosystem Adaptation Action Types

Habitat Connectivity
Land Use Collaboration
Tidal Ecotones
Water Quality
Stormwater

Developing Flagship Metrics for Priority Actions

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



Flagship Metrics

Example Metrics – Goal 4



Action

4.2.4: Increase water conservation by methods such as encouraging climate appropriate landscapes

Status

Expand

Strategy

Water Conservation

Draft Metric

Average annual water conservation savings

Draft Target:
Conserve 109,000 AF annually by 2040

Action

4.6.2: Develop asset maintenance/management plans that incorporate climate change solutions and sustain and improve the reliability of aging infrastructure.

Status

Expand

Strategy

Maintenance
(Goal 4 and 5)

Draft Metric

All future asset management plans incorporate section on climate change and potential impacts to assets

Draft Target: 100%

Flagship Metrics

Example Metric – Goal 5

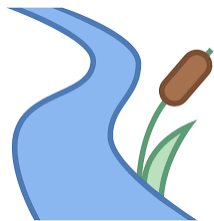


Action	Status	Strategy	Draft Metric
5.4.2 Develop planning and design procedures that incorporate climate change solutions for climate related flood impacts.	New	Flood Risk Reduction	All flood protection projects are planned and designed according to updated procedures that incorporate future climate change scenarios in flood risk modelling. Draft Target: 100%

Action	Status	Strategy	Draft Metric
6.1.11 Collaborate with land use agencies and municipalities to improve watershed and flood plain management and increase climate change adaptability.	Expand	Flood Risk Reduction (Goal 5 and 6)	Review of all development projects includes request for floodplain protection and enhancement analysis. Draft Target: 100%

Flagship Metrics

Example Metric – Goal 6



Action	Status	Type	Draft Metric
6.2.4 Implement actions related to ecosystem connectivity and resilience that are included in plans and programs such as the Stream Corridor Priority Plans (SCPP), the Stream and Watershed Protection Program, and One Water.	Expand	Habitat Connectivity	<p>Channel length with continuous riparian habitat</p> <p>Draft Target: Increase amount of channel length with continuous riparian width of >10m by x%.</p>

Next Steps

GHG Reduction Plan and CCAP Implementation

- Incorporate committee feedback received on CCAP Implementation Program
- Provide a CCAP Implementation update to Board of Directors
- Complete GHG inventory, forecast, and emission reduction target setting
- Develop GHG reduction measures to achieve the established emission reduction target(s)
- Finalize flagship metrics and targets for high priority adaptation actions
- Continue tracking progress on high priority mitigation and adaptation actions

QUESTIONS





Valley Water

Clean Water • Healthy Environment • Flood Protection



Santa Clara Valley Water District

File No.: 23-0001

Agenda Date: 1/11/2023
Item No.: 4.4.

COMMITTEE AGENDA MEMORANDUM

Board Policy and Planning Committee

SUBJECT:

2023 Work Plan and Meeting Schedule and 2022 Accomplishments Report.

RECOMMENDATION:

- A. Review Board Policy and Planning Committee's 2022 Accomplishment Report;
- B. Review and approve the draft 2023 Board Policy and Planning Committee's Work Plan and incorporate any new tasks; and
- C. Schedule Committee meetings as appropriate.

SUMMARY:

This item allows the Committee to review and approve its 2022 Accomplish Report (Attachment 1), and 2023 Draft Work Plan, meeting schedule (Attachment 2) and identify additional tasks and schedule meetings as appropriate.

ATTACHMENTS:

Attachment 1: 2022 BPPC Accomplishments Report

Attachment 2: Draft 2023 BPPC Work Plan

UNCLASSIFIED MANAGER:

Michele King, 408-630-211

2022 Board Policy and Planning Committee Accomplishments Report		
Subject	Task	Action Taken
Board Planning Process	A. Provide ongoing support for Board Planning Activities	
	1. Discuss FY22-23 Board Budget Message & Board Work Plan	1/4/22 - The Committee unanimously approved submitting the draft FY23 Board Work Plan, with action items and edits identified by the committee, to the full board for consideration. 2/22/22- Board approved the FY23 Board Work Plan.
	2. Planning for Board's FY23-24 Strategic Planning Workshop	
	B. Provide Support for Board Policy Review	
	1. Outreach Findings on the Untreated Surface Water Program (if required)	4/5/22 - BPPC approved reporting to the Board that the Committee considered all board comments and directions from the March 22, 2022, board meeting regarding the Proposed Two-Phase Plan for the Untreated Surface Water Program, and supports staff's recommended revisions which include: Board comments and directions from the March 22, 2022, Board meeting; a formalized appeal process (as a separate item); a proposal to present this subject to the Landscape Committee and Agricultural Water Advisory Committee in July as an information only item; and recommends presenting the item to the full board for approval, ensuring that it's clear that surface water use for fire safety will be guided by a separate policy.
	2. Expansion of the Water Resources Protection Manual	
	3. Fuel Management Policy and Wildfire Resiliency Plan	11/7/22 - Received information on the Fuel Management Policy and Wildfire Resiliency Plan. Staff to return to the Committee with information on any policy related information that requires input or review.
	4. One Water Watershed Plans	09/01/22 - BPPC Received an updated on the One-Water - Upper Pajaro River Watershed Plan Status Report and Stakeholder Outreach.
	5. Governance Policies of the Board: Executive Limitations	09/01/22 -BPPC approved sending EL-4 - Financial Management and Related BAO Interpretations revisions to full board for consideration. 09/27/22 - Board adopted changes.
	6. Rules of Decorum Ordinance	4/05/22 - The Committee requested that staff return with a clear analysis of the ordinance language and comments made by the public, and who it applies to; clarification of the purpose and intent of the ordinance and why it's necessary; a matrix comparing our ordinance language with the language of other agencies; a comparison table outlining how our requirements compare with those of other agencies, including the TSA; and language on how the ordinance will be enforced and the associated consequences if violated. 5/11/22 – The Committee recommended the staff add back in the prohibited objects language that was removed, excluding knitting needles and hooks, and forward the revised ordinance to the full board for consideration. The BPPC also recommended that the security screening process be enhanced to include members of the public, Valley Water staff, and elected officials; that the ordinance, once adopted, be posting and published in several in-person and web-based locations, so the public is aware of the requirements; and that staff return to the BPPC next year to do a check in on how the ordinance implementation process is going and that the purpose is being met. 6/28/22 – Ordinance adopted by the Board. 12/5/22 - Present a Proposed Update to the Ordinance of Santa Clara Valley Water District Specifying Rules of Decorum in the Participation of Board and Committee Meetings to Align with Recent Amendments to Government Code § 54987.95. The committee approved staff presenting a proposed updated to the Ordinance of Santa Clara Valley Water District Specifying Rules of Decorum in the Participation of Board and Committee Meetings to Align with recent amendments to Government Code § 54987.95.
	7. Climate Change Action Plan Implementation Update.	
	8. Process to Propose to the Board for Incorporating a Board Code of Conduct into the Board's Governance Policies.	12/5/22- It was moved Director Keegan, seconded by Director Hsueh, and unanimously approved to make a request to the full Board to add an item to the 2023 BPPC Work Plan to administer a process to incorporate a proposed Board Code of Conduct for inclusion in the Board's Governance Policies, as outlined.
Board Committees Principles and Structures	C. Align Board Committees' Work Plans with Board Planning Calendar	
	1. Review Effectiveness of Board Advisory Committees (External)	
Board & Organization Performance Monitoring	D. Assignments as Requested by the Board	

DRAFT 2023 Board Policy and Planning Committee Work Plan and Schedule

Subject	Task	1/11/23	2/6/23	3/6/23	4/3/23	5/1/23	6/5/23	7/3/23	8/7/23	9/4/23	10/2/2023	11/6/2023	12/4/2023
Board Planning Process	A. Provide Support for Board Planning Activities												
	1. Discuss FY23-24 Board Budget Message & Board Work Plan												
	2. Planning for Board's FY23-24 Strategic Planning Workshop												
	B. Provide Support for Board Policy Review												
	1. Expansion of the Water Resources Protection Manual	X											
	2. Fuel Management Policy and Wildfire Resilience Plan												
	3. One Water Watershed Plans												
Board Committees Principles and Structures	4. Climate Change Action Plan Implementation Update.	X											
	5. Develop a Board Code of Conduct Board's Governance Policy for Board Approval.												
	C. Align Board Committees' Work Plans with Board Planning Calendar												
	1. Review Effectiveness of Board Advisory Committees (External) - Meet with BPPC prior to presenting Accomplishment Reports to Board.		X										
	D. Other Assignments as Requested by the Board												
Other Assignments Requested by Board	1. Analyze Santa Clara County Civil Grand Jury Final Report: If You Only Read the Ballot, You're Being Duped, October 7, 2022, and Provide Recommendations to Full Board by March 31, 2023.		X										

2023 Board Policy and Planning Committee Accomplishments Report

Subject	Task		Action Taken
Board Planning Process	A.	Provide ongoing support for Board Planning Activities	
	1.	Discuss FY23-24 Board Budget Message & Board Work Plan	
	2.	Planning for Board's FY23-24 Strategic Planning Workshop	
	B.	Provide Support for Board Policy Review	
	1.	Expansion of the Water Resources Protection Manual	
	2.	Fuel Management Policy and Wildfire Resilience Plan	
	3.	One Water Watershed Plans	
	4.	Climate Change Action Plan Implementation Update.	
	5.	Develop a Board Code of Conduct Board's Governance Policy for Board Approval.	
Board Committees Principles and Structures	C.	Align Board Committees' Work Plans with Board Planning Calendar	
	1.	Review Effectiveness of Board Advisory Committees (External) - Meet with BPPC prior to presenting Accomplishment Reports to Board.	
Board & Organization Performance Monitoring	D.	Assignments as Requested by the Board	
	1.	Analyze Santa Clara County Civil Grand Jury Final Report: If You Only Read the Ballot, You're Being Duped, October 7, 2022, and Provide Recommendations to Full Board by March 31, 2023.	