



Santa Clara Valley Water District Board Policy and Planning Committee Meeting

Teleconference Zoom Meeting

REGULAR MEETING AGENDA

Monday, March 1, 2021
2:00 PM

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, 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.

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
REGULAR MEETING
AGENDA

Monday, March 1, 2021

2:00 PM

Teleconference Zoom Meeting

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" or "Chat" tools 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.

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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.

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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" or "Chat" tools 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.

[21-0146](#)

Recommendation: Approve the January 25, 2021 Minutes.

Manager: Michele King, 408-630-2711.

Attachments: [Attachment 1: January 25, 2021 Minutes.](#)

4. INFORMATION AND ACTION ITEMS:

- 4.1. Ends Policy: E-4 Water Resources Stewardship. [21-0095](#)
Recommendation: A. Review and provide input on the Ends Policy: E-4 Water Resources Stewardship; and
B. Approve presenting final draft language to the full Board for consideration.
Manager: Lisa Bankosh, 408-630-2618
Attachments: [Attachment 1: Final Draft Ends Policy E-4](#)
- 4.2. One Water Plan: Countywide Framework. [21-0083](#)
Recommendation: Receive an update on the One Water Plan: Countywide Framework.
Manager: Lisa Bankosh, Assistant Operating Officer
Attachments: [Attachment 1: One Water Framework DRAFT Executive Summary](#)
[Attachment 2: One Water Umbrella Diagram](#)
- 4.3. Work Plan, Meeting Schedule and Accomplishments Report. [21-0145](#)
Recommendation: A. Review 2021 Board Policy and Planning Committee's Work Plan and Accomplishments Report and incorporate any new tasks; and
B. Schedule Committee meetings as appropriate.
Manager: Michele King, 408-630-211
Attachments: [Attachment 1: 2021 BPPC Work Plan & Accomplishments Report](#)
- 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 April 5, 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

File No.: 21-0146

Agenda Date: 3/1/2021
Item No.: 3.1.

COMMITTEE AGENDA MEMORANDUM

Board Policy and Planning Committee

SUBJECT:

Approval of Minutes.

RECOMMENDATION:

Approve the January 25, 2021 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: January 25, 2021 Minutes.

UNCLASSIFIED MANAGER:

Michele King, 408-630-2711.



BOARD POLICY AND PLANNING COMMITTEE MEETING

DRAFT MINUTES

**MONDAY, JANUARY 25, 2021
1:00 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 (BPPC) was called to order at 2:00 p.m. on January 25, 2021, in the District Headquarters Building, Conference Room A-124, 5700 Almaden Expressway, San Jose, California.

Board Members in attendance in Conference Room A-124: Director Nai Hsueh-District 5;

Board members attending by videoconference: Director Barbara Keegan-District 2, and Director Linda J. LeZotte-District 4; constituting a quorum of the BPPC.

Staff members in attendance in Conference Room A-124: Michele King, Clerk of the Board.

Staff in attendance by videoconference: Lisa Bankosh, Rechelle Blank, Rick Callender, Theresa Chinte, Jennifer Codianne, Rachael Gibson, Andy Gschwind, Melanie Richardson, Sue Tippets, Tony Vye, Kristen Yasukawa, and Tina Yoke.

Guests/Public in attendance by videoconference: Author Keller, Environmental and Water Resources Committee 2020 Chairperson.

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

Chair Director Hsueh declared time open for public comment on any item not on the agenda.

Ms. Shani Kleinhaus, Environmental Advocate, Santa Clara Valley Audubon Society, requested an update on her previous request to provide wildlife connectivity in the Board's governance policies. Chair Hsueh informed her that this request was part of the E-4 policy discussion that is currently being reviewed by the BPPC.

3. 3.1 APPROVAL OF MINUTES – January 7, 2021.

The BPPC considered the draft minutes from the January 7, 2021 meeting. Chair Hsueh requested that the words “spirit of” be inserted before “E-1” in the fourth bullet of Committee discussion section of Item 4.1, on page 2 of the minutes. It was moved by Director LeZotte, seconded by Director Keegan, and unanimously carried by roll call vote to approve the amended minutes.

4. Information and Action Items

4.1 TRAILS POLICY CRITERIA AND GUIDANCE: PUBLIC OUTREACH UPDATE

Ms. Lisa Bankosh, Assistant Officer, provided an update on the stakeholder and community outreach for the public trails policy criteria and guidance, as outlined in the Committee Agenda memo and Handout 4.1-B. Copies of the handout were distributed to the Committee and made available to the public.

BPPC discussion:

Director Keegan requested that consideration be given to creating a map that shows the public where there are trail opportunities and identifies levels of challenges associated with trail development.

Director LeZotte requested that in Section 4.1 - Public Outreach by the Partner Agency, access by disability community where feasible be included in the planning process criteria.

Chair Hsueh acknowledged two communications received relating to this item; an email from Mr. Doug Muirhead, Morgan Hill resident, identified as Handout 4.1-A and a letter from the City of Morgan Hill identified as Handout 4.1-C. Copies of the handouts were distributed to the Committee and made available to the public.

Mr. Larry Ames commented that he believes that balance to protect water supply and habitat, provide public safety, and create trails that are compatible can be achieved, and that he looks forward to participating in future stakeholder sessions.

Ms. Kleinhaus commented that guidelines to protect or expand riparian corridors are needed, and the Audubon Society supports the notion that new construction of trails or trail segments in wetlands or parallel to waterways within contingent riparian habitat should be avoided and an appropriate buffer should be provided. Every trail should leave the habitat better than it was found, and requirements for habitat restoration should be required.

Linda Ruthruff, Environmental Advocate, Santa Clara Valley Native Plant Society, expressed appreciation for Valley Water making respecting the riparian habitat a priority. She stated that the expanded use of trails are causing damage to the habitat and consideration should be given for better protection in designated areas.

Lynn Paulson, Santa Teresa Foothills Neighborhood Association, expressed appreciation of the effort and stated that the association will participate in future stakeholder meetings.

Director Keegan and Chair Hsueh stated that trial use needs to be balanced for bicycle commuters and those walking, or simply enjoying the habitat.

The BPPC discussed the letter from the City of Morgan Hill and agreed that it contained requests that require a Board policy-level discussion and does not fit within the policy criteria and guidance document currently being reviewed. Therefore, it was requested that the letter, along with information on available grants data, etc., if applicable, be forwarded to the full Board for discussion and consideration with a recommendation from the BPPC to keep the current policy.

4.2 WORK PLAN, MEETING SCHEDULE AND ACCOMPLISHMENTS REPORT.

Chair Hsueh requested, and the BPPC agreed, to remove the Fiscal Year 21-22 Board Policy and Planning and Performance Monitoring Calendar from the work plan since the BAOs have now taken on the management of the document.

The BPPC agreed to move the Revised Water Resources Protection Ordinance and the Climate Change Policy and Action Plan items to the March meeting.

5. CLERK REVIEW AND CLARIFICATION OF COMMITTEE REQUESTS.

Michele King, Clerk of the Board, reviewed the action requested in Item 4.1.

6. ADJOURNMENT

Chair Director Hsueh adjourned the meeting at approximately 3:20 p.m.

Michele L. King
Clerk of the Board

Approved:



Santa Clara Valley Water District

File No.: 21-0095

Agenda Date: 3/1/2021
Item No.: 4.1.

COMMITTEE AGENDA MEMORANDUM

Board Policy and Planning Committee

SUBJECT:

Ends Policy: E-4 Water Resources Stewardship.

RECOMMENDATION:

- A. Review and provide input on the Ends Policy: E-4 Water Resources Stewardship; and
- B. Approve presenting final draft language to the full Board for consideration.

SUMMARY:

The Board Policy and Planning Committee provided feedback on a preliminary draft of the revised Board Governance Ends Policy E-4 at the September 29, 2020 meeting and subsequently confirmed the revised draft language, which incorporated environmental justice principles and made minor clarifications to Goals 4.1 and 4.2, at the November 23, 2020 meeting. At this time, staff are seeking confirmation of the final draft language and direction to present the revised policy to the full Board for consideration.

ATTACHMENTS:

Attachment 1: Final Draft Ends Policy E-4

UNCLASSIFIED MANAGER:

Lisa Bankosh, 408-630-2618

Board Governance Ends Policy E.4. Water Resources Stewardship

Water resources stewardship protects and enhances ecosystem health.

Goal 4.1 Use a science-based, inclusive approach to protect Santa Clara County's watersheds and aquatic ecosystems for current and future generations.

1. Develop and share data to support resilient ecosystems and healthy populations of native species.
2. Monitor stream, reservoir, and Bay ecosystem health.
3. Use data to prioritize and equitably implement actions to reduce pollution, restore endangered species habitat, and enhance ecosystem function.

Goal 4.2 Sustain ecosystem health while managing local water resources for flood protection and water supply.

1. Plan and design projects with multiple benefits, including protecting ecosystem functions, enhancing habitat, and improving connectivity, equitably in all regions of the county.
2. Operate Valley Water facilities to balance water supply, flood protection, and ecosystem sustainability.

Goal 4.3 Encourage inclusive, sustainable management of water resources in the Bay-Delta and its watersheds to protect imported water supply.

1. Meet future water supply demand through diverse and coordinated water supply planning.
2. Promote holistic ecosystem management through science-based decision-making.
3. Actively engage in the protection of source water quality through collaboration and funding.

Goal 4.4 Prevent and address pollution of local streams, reservoirs, and the Bay, equitably across all communities. Protect waterbodies from pollution and degradation.

1. Encourage stormwater capture, treatment, and reuse.
2. Prepare and respond to spills and dumping that threaten local waterways.
3. Collaborate with agencies and nonprofits to address homelessness and its impacts to Santa Clara County Waterways.

Goal 4.5 Engage the community to promote watershed stewardship by providing meaningful engagement in Valley Water programs for all people regardless of race,

color, national origin, tribe, culture, income immigration status, or English language proficiency.

1. Provide appropriate and equal public access to Valley Water's streamside and watershed lands.
2. Engage and educate the community in stream and watershed protection,
3. Build partnerships to protect and enhance watersheds and aquatic ecosystems.

DRAFT



Santa Clara Valley Water District

File No.: 21-0083

Agenda Date: 3/1/2021
Item No.: 4.2.

COMMITTEE AGENDA MEMORANDUM

Board Policy and Planning Committee

SUBJECT:

One Water Plan: Countywide Framework.

RECOMMENDATION:

Receive an update on the One Water Plan: Countywide Framework.

SUMMARY:

In September 2016, staff presented the Draft One Water Plan: Countywide Framework (Framework) to the Board of Directors, who then directed staff to work with the Board Policy and Planning Committee (BPPC) on issues related to policy and stakeholder outreach. Between March and September 2017, staff engaged the BPPC regarding policy issues, including proactive right-of-way identification and acquisition, and also conducted additional stakeholder engagement including meeting with groups recommended by individual Board members. In May 2019, staff presented an updated Framework report and updated flood risk reduction approach to the BPPC. Since that time, staff have further refined the Framework's goals and objectives, as well as drafting the first watershed plan for the Coyote watershed. At this time, an overview of the final draft Framework will be presented for informational purposes. The Framework and Coyote Watershed Plan will be presented in detail for Committee feedback in Spring 2021 and staff anticipates presenting these items for Board consideration during Fiscal Year 2021.

One Water Plan: Countywide Framework

Valley Water's One Water Plan: Countywide Framework is a long-term strategic plan for water resources management (see Attachment 1, Draft Executive Summary). Guided by Board direction and policy, the One Water Framework provides an objective approach to integrate water resources functions, develop, or confirm levels of service goals, and prioritizes actions to improve water resources services with limited financial resources. It establishes measurable objectives and metrics, for water supply, flood protection, and environmental stewardship, by which potential projects or programs can be evaluated.

This evaluation is then applied on a watershed scale, resulting in specific plans for the Coyote, Guadalupe, Pajaro, West Valley, and Lower Peninsula watersheds. The One Water Plan:

Countywide Framework acts as umbrella over other Valley Water plans and programs (Attachment 2), avoiding duplicative planning and improving efficiencies in long range planning across the agency. It is intended to be flexible, allowing future planning for treated water, recycled water, and pipelines, for example, to be incorporated as they are developed. Key topics included in the Countywide Framework are described below.

Updated Flood Risk Reduction Approach to include Environmental Justice and other Factors

Since 1984, flood protection projects have been prioritized based on Valley Water's Waterways Management Model. This system primarily emphasized the economic benefits of reduced flood damages. The proposed, updated flood risk approach continues to include the economic benefit of a reduced flood damages factor, and now brings in new factors:

- Environmental justice and social vulnerability (including disadvantaged community designation) of the community at elevated flood risk
- 'Maintenance-first' approach (making sure that previously built infrastructure continues to provide the level of service originally intended)
- Community health and safety based on risk factors like depth and velocity of flooding
- Actual flood frequency (areas of repeated flooding or "hot spots") over the period of record
- Number of buildings and critical infrastructure subject to flooding (rather than solely the number of parcels)

Considering a broader array of factors will support a better prioritization of flood management activities that provide services countywide. Building on this updated prioritization approach, One Water looks at maintenance of existing flood infrastructure, potential new infrastructure to reduce flood risk, and communicating flood risks through flood forecasting and flood warning systems. Combined, these topics comprise a flood management plan at a watershed scale for Valley Water and the community.

Environmental Stewardship Plan and Updated Stewardship Approach

One Water planning has taken a new look at how environmental stewardship can be encouraged with prioritization of activities. By using *natural communities* to categorize the landscape, it allows a more comprehensive look at native habitat and included vegetation, fish and wildlife, with broader, more inclusive management rather than a narrower focus on special-status species.

Beyond this habitat characterization, One Water is coordinating with ongoing assessments (e.g. Ecological Monitoring Assessment Program), new studies (e.g. Stevens Creek Fish passage study and Los Gatos gravel augmentation studies), new plans (e.g. Stevens Creek Stream Corridor Priority Plan, Coyote Valley Water Resource Investment Strategy), and new tool development (e.g., Coyote Creek Native Ecosystem Enhancement Tool) to improve our understanding of resources and better prioritize where investments are needed to further Valley Water's stewardship mission. By collecting and analyzing this data at a watershed scale, Valley Water can better prioritize needs for a healthy watershed and its inhabitants, avoid contrary actions, and establish One Water as an environmental stewardship plan for Valley Water and the community.

Community Engagement

The One Water Framework has been developed with extensive stakeholder engagement. Outreach has consisted of both a centralized stakeholder group, the Stakeholder Working Group, and individual meetings with agencies, organizations and the community at large. Additional outreach was conducted with regulatory agencies through the Agency Planning Team, as well as with regional scientists through the Science Advisory Hub in coordination with San Francisco Estuary Institute. Outreach is planned to continue for watershed plans, utilizing a hybrid approach of a centralized stakeholder group/forum and a 'go to them' approach where we will meet stakeholders in their community.

Environmental Justice

As discussed in the flood management plan description above, One Water is updating processes to intentionally consider all communities, including those that may be considered disadvantaged or have traditionally been allocated less resources than others. One Water intends to build in environmental justice wherever feasible and specifically as it relates to long range planning for water supply, flood protection, and environmental stewardship.

Climate Change

A long-range plan such as One Water is an important avenue for helping to address long term effects that come with climate change, such as extreme weather and sea level rise. Therefore, one of five One Water objectives is centered around climate change and how Valley Water can help address such effects through mitigation and adaptation for water supply, flood protection, and environmental stewardship activities. This work is closely coordinated with Valley Water's Climate Change Action Plan (CCAP).

ATTACHMENTS:

Attachment 1: One Water Framework - Draft Executive Summary
Attachment 2: One Water Umbrella Diagram

UNCLASSIFIED MANAGER:

Lisa Bankosh, Assistant Operating Officer



Drains to Alameda County

Lower Peninsula Watersheds

West Valley Watersheds

Coyote Watershed

Guadalupe Watershed

SANTA CLARA

Pajaro Watershed

One Water

SANTA CLARA COUNTYWIDE FRAMEWORK

EXECUTIVE SUMMARY



ONE WATER

Integrated Watershed Master Planning

Water is an essential resource, serving multiple critical purposes for the community. As droughts, floods, population growth, and other changing conditions all place increasing demands on California’s water resources, Valley Water recognizes the importance of an integrated and equitable approach to water resources management. This approach will enable the organization to efficiently fulfill its mission and Board policies (see table below).

Valley Water’s central challenges in the years ahead are to deliver reliable water supply, maintain and improve flood risk reduction, and preserve and enhance environmental stewardship with finite resources. To do this well, Valley Water needs a decision-making process that enables it to strategically allocate limited resources to those actions that achieve its mission and service to the community most efficiently. The One Water planning effort described in this report meets this need and provides an important new roadmap for integrated resource planning on a watershed scale.

Development of the One Water Countywide Framework engaged stakeholders at all levels and stages of a multi-year planning process. Stakeholders included local cities and county agencies; regional, state and federal resource management and regulatory agencies; scientists and

academia; representatives of cultural and ethnic interests; as well as environmental advocacy groups, chambers of commerce, water retailers, and neighborhood and volunteer organizations.

Valley Water’s One Water planning effort consists of a Countywide Framework (this report) and individual watershed plans for the Coyote, Guadalupe, Pajaro, West Valley, and Lower Peninsula watersheds, which Valley Water hopes to complete as early as 2023. The framework will guide development of the watershed plans as it sets out goals, measurable objectives, and strategies for prioritizing actions that will improve watershed health. Improvements to watershed health will be based on the extent to which watershed objective metrics measure up against achievable targets.

Valley Water Mission and Board Ends Policies	One Water Vision and Goals	One Water Objectives
<i>To provide Silicon Valley safe, clean water for a healthy life, environment, and economy.</i>	<i>To manage water resources holistically and sustainably to benefit people and the environment in a way that is informed by community values.</i>	All (A thru E)
E-2 Water Supply	Goal 1	
E-2.1 Current and future water supply is reliable.	Reliable Water Supply	Objective A: Protect, maintain, and develop local surface and ground water supplies
E-2.3 Reliable high-quality drinking water is delivered.		Objective B: Support high quality surface water in reservoirs for applicable human and aquatic life uses
E-3 Natural Flood Protection	Goal 2	
E-3.1 Provide natural flood protection.	Improved Flood Protection	Objective C: Reduce Flood Risk
E-3.2 Reduce potential for flood damages.		Objective C: Reduce Flood Risk
E-4 Water Resources Stewardship	Goal 3	
E-4.1 Protect and restore creek, bay, and other aquatic ecosystems.	Healthy and Resilient Ecosystems	Objective D: Protect, Enhance and Sustain Natural Ecosystems
E-4.3 Strive for zero net greenhouse gas emission or carbon neutrality.		Objective E: Mitigate and Adapt to Climate Change



APPROACHING MANAGEMENT CHALLENGES IN A MORE INTEGRATED WAY

The One Water approach identifies challenges to successful water resources management ranging from drought and pollution to the destruction of riparian habitats. Meeting the water resources needs of the community through management of these challenges and constraints is often considered by planning area (see table). For Valley Water, these have included ecological resources, flood protection, landscape resources, water quality, and water supply.

The One Water approach offers a decision-making process that helps address management challenges through multi-benefit projects or portfolios of coordinated activities. This approach offers a few key strengths in addition to meeting the outlined goals and objectives as it defines the process and prioritizes activities.

One strength of Valley Water’s One Water approach is the opportunity to revisit how data is collected and utilized to prioritize activities. For flood risk, as an example, the new approach updates the Waterways Management Model criteria used in the past to include additional important factors that characterize the true risks of flooding for the community. Some of these factors are health and safety issues like flood depth and velocity, the varied social vulnerability of the flood prone communities, actual flood history, and business risk exposure.

Another strength of the One Water approach is a more comprehensive perspective on ecological resources. Efforts to protect threatened and endangered species have long created a management focus on specific species of flora and fauna. One Water expands from this focus to address habitats and natural communities, and to support the approach taken by the Santa Clara Valley Habitat Plan, which covers much of the county landscape. This broader area of management interest allows for improvements to overall habitat that will reduce invasive species and support threatened and endangered species, as well as other native species.

DIVERSE CHALLENGES CALL FOR COORDINATED ACTION

PLANNING AREA	CHALLENGES	PLANNING AREA	CHALLENGES
Water Supply	Multi-year droughts Hydrologic variability Declining imported water reliability Increasing demand Complex operating environment Aging infrastructure Invasive species impacts	Landscape Resources	Limited and costly land for trails and open space Recreational impacts on habitat and water quality Maintenance impediments and costs Planning for future flood protection
Water Quality	Impervious surfaces Urban and agricultural runoff Homeless encampments Legacy mercury Climate change impacts	Ecological Resources	Ongoing land use changes Altered drainage network and hydrologic regime Destruction and disconnection of riparian habitats Non-native species Loss of sediment and woody debris Habitat fragmentation Ecological adaptation to climate change
Flood Protection	Continued risk of flooding Expense of future projects Aging infrastructure Changing climate Increasing development, decreasing buffer zones Impervious surfaces Erosion and sediment management for capacity Rising sea levels and permit acquisition	Baylands	Rising sea levels Weak and aging levees Sediment deficit Mercury mobilization Under-insured businesses

A third strength of One Water’s coordinated planning framework is the strong guidance on integrated water management it will provide to each of its five supporting watershed plans. These more detailed action plans will then serve as Valley Water’s flood management and stewardship plans at a watershed scale.

Taken as a whole, One Water planning provides an opportunity to address multiple management challenges in parallel, and within an integrated, watershed-based framework. That framework, with its vision, goals and objectives will therefore provide the guidance for future prioritized work.



Community meeting presenting proposed interim flood protection improvements along Coyote Creek. Photo: VW

VISION

One Water’s vision and goals were developed to support both Valley Water’s mission and Board governance policies, which in part call for integrated water resources services for the community.

The vision is supported by integrated goals and measurable objectives to optimize Valley Water’s management of water resources for Santa Clara County.

One Water Vision
Manage Santa Clara County water resources holistically and sustainably to benefit people and the environment in a way that is informed by community values.

GOALS

To reach the long term One Water vision, Valley Water developed goals that go beyond individual management disciplines. The resulting goals address and integrate all aspects of water resources management:

RELIABLE WATER SUPPLY

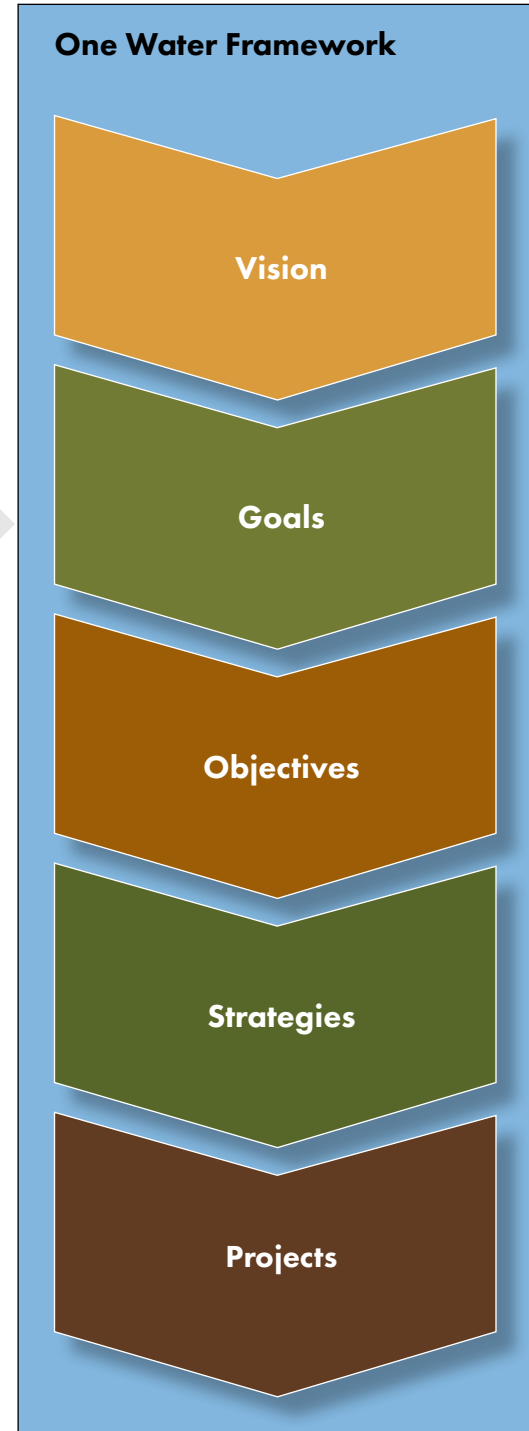
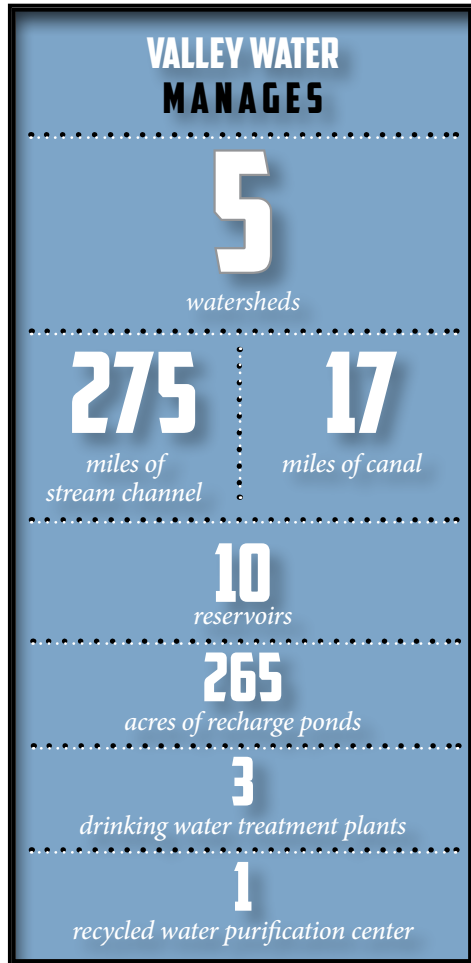
This One Water reliable water supply goal aims to provide enough clean water for both people and the environment. Under this goal, Valley Water seeks to ensure that its supplies for people and the environment are reliable under uncertain conditions such as climate change, drought and changing laws. For Valley Water this means to efficiently manage the diverse supplies and substantial infrastructure already in place and continuing to aggressively implement and promote its water conservation program with the community to manage demand.

IMPROVED FLOOD PROTECTION

This One Water flood protection goal aims to reduce flood risk and protect the community from flooding by working with nature to the greatest extent possible. For Valley Water, this means enhancing stream corridors to support the conveyance of flood flows while at the same time providing benefits for natural communities and ecosystems. The goal of improving flood protection includes maintaining existing facilities, improving facilities that require additional risk reduction, and keeping the community prepared and informed of potential flood risks.

HEALTHY AND RESILIENT ECOSYSTEMS

This One Water goal underscores the importance of healthy and resilient watershed, riparian and tidal ecosystems, and the species that rely on these habitats to thrive. Making ecosystem health more relevant to every management decision is a key concept in One Water planning. For Valley Water to effectively manage ecosystems, it will be important to protect, enhance and sustain these important natural resources.



OBJECTIVES

The One Water planning framework comprises five objectives, each with individual metrics and targets. Valley Water designed these objectives to meet the framework’s three goals and achieve the One Water vision.

In developing the five One Water objectives, Valley Water provided meaningful opportunities for diverse Santa Clara County communities to engage in the planning process. Valley Water’s commitment to community engagement is woven throughout the five One Water objectives. As such, it is not represented as an end in itself but rather as a means to gathering community support for future priorities that protect, enhance and sustain water resources.

One Water Plan Objectives:



A: Protect and Maintain Water Supplies



B: Protect and Improve Surface and Ground Water Quality



C: Reduce Flood Risk



D: Protect, Enhance and Sustain Natural Ecosystems



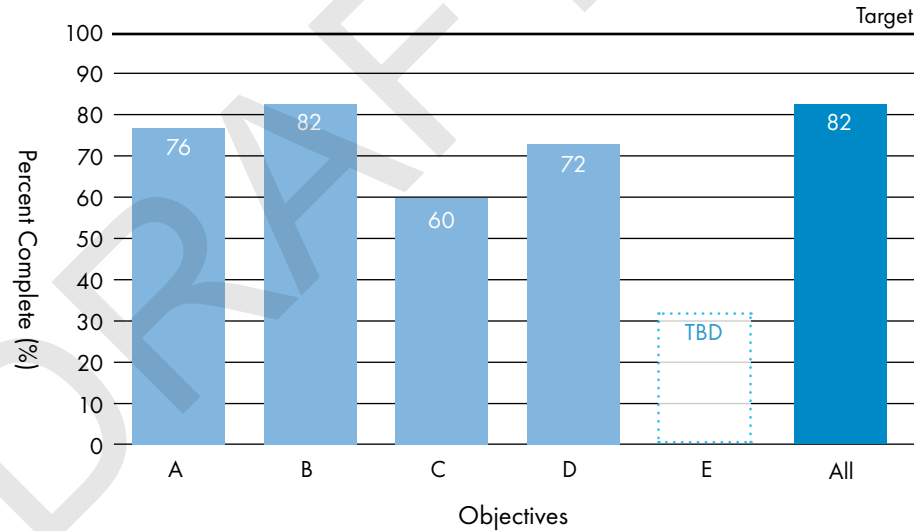
E: Mitigate and Adapt to Climate Change

Metrics

Each of the five objectives includes specific attributes, which are the defining characteristics that describe the objective. Each attribute in turn contains a series of metrics, which are parameters that can be measured to track the status of the attributes. To assess progress, each metric will be assigned a target, which is an achievable end result to maintain or strive for within each metric.



One Water Objective Results



*Draft Data for One Water Objectives (Countywide and Coyote Watershed).
A (Water Supply), B (Water Quality), C (Flood Risk Reduction), D (Habitat), E (Climate Change)*

SETTING PRIORITIES AND TAKING ACTION

The One Water Framework provides overarching countywide guidance for five subsequent watershed plans in Coyote, Guadalupe, Pajaro, West Valley, and Lower Peninsula Watershed areas. The process for applying the framework includes the following steps (see diagram):

- Describe the landscape and its water resources history (Step 1).
- Establish the current baseline conditions for One Water objectives (Step 2).
- Identify which are the most challenging objectives to meet in terms of targets, and thus potential areas of improvement (Steps 3 and 4).
- Prioritize those actions that most efficiently and effectively improve conditions and meet the highest needs (Step 5).
- Select actions for programming and implementation through funding plans, grants, partnerships, and other means. Follow up with appropriate construction, maintenance, and management actions (Step 6).

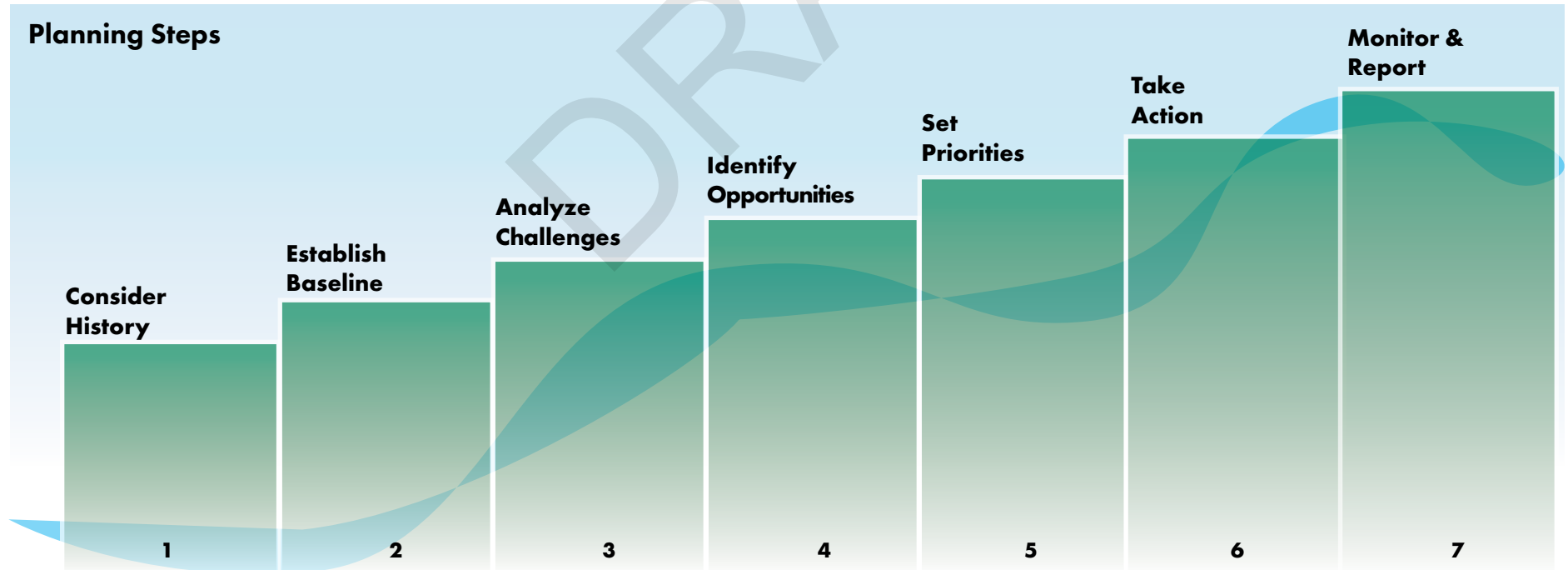
- Carry out monitoring and reporting on progress of actions toward meeting targets (Step 7).

One Water watershed plans are not designed to be static, one time documents, they should be updated regularly. This important follow up should include updates of metrics and targets information supporting each One Water objective. Such updates would in turn help to demonstrate progress being made in improving watershed health, reducing flood risk, and ensuring reliable water supply.

Both the Framework and the individual plans will not only guide Valley Water but also serve as a resource for local government, NGOs, community groups, and other partner organizations.



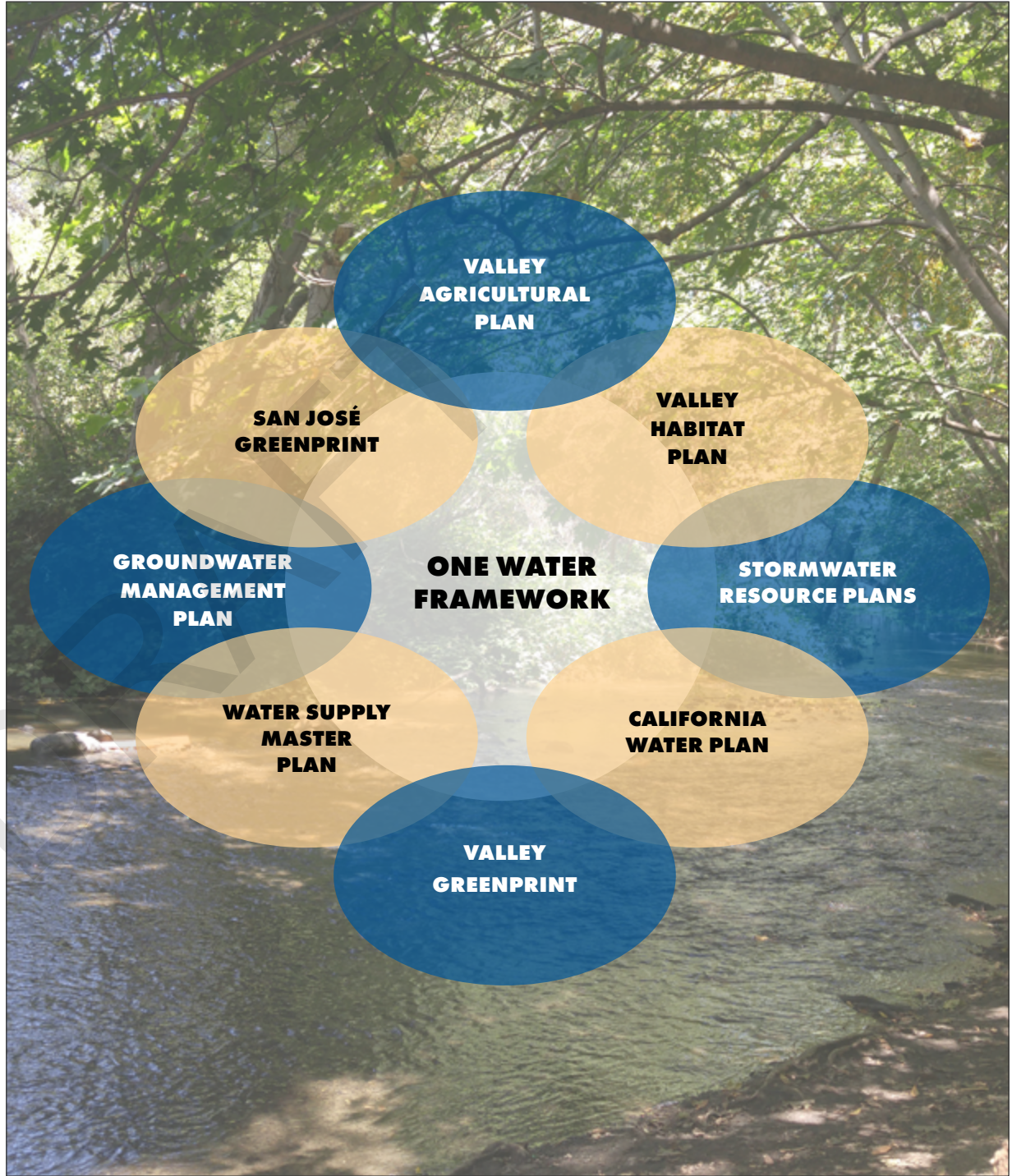
Beyond the individual watershed plans, the Framework itself provides a list of potential projects, programs, policies and partnerships which are appropriate at a countywide scale. These may be addressed countywide or implemented piece-by-piece at a watershed-scale.



PLANNING THROUGH PARTNERSHIPS

The One Water Framework can be most successful through robust participation of Valley Water staff, as well as partner agencies and organizations. Close coordination with existing plans and programs allows One Water to build on successful endeavors and incorporate relevant expertise, and it also allows for One Water and its vision to become integrated into corresponding planning and implementation efforts.

Long range planning at the local, regional, and state level covers many of the same topics as One Water and gives Valley Water a path to addressing larger regional and statewide challenges at the local level, including climate resilience, reliable water supply, and stormwater resource management. As Valley Water rolls out the One Water Framework and subsequent watershed plans, it will strive to gain support for improved water resources management and watershed conditions.



WEAVING COMMUNITY AND EQUITY INTO WATERSHED PLANNING

Valley Water has remained committed to providing meaningful opportunities for community engagement in watershed planning throughout the development of the One Water Countywide Framework. This commitment will be further reflected and refined as watershed plans seek to address both one water objectives but also make them locally relevant to the people living in each watershed. By engaging stakeholders throughout the community, Valley Water can build on their strengths and expertise to create a plan that speaks to all of our water resource needs.

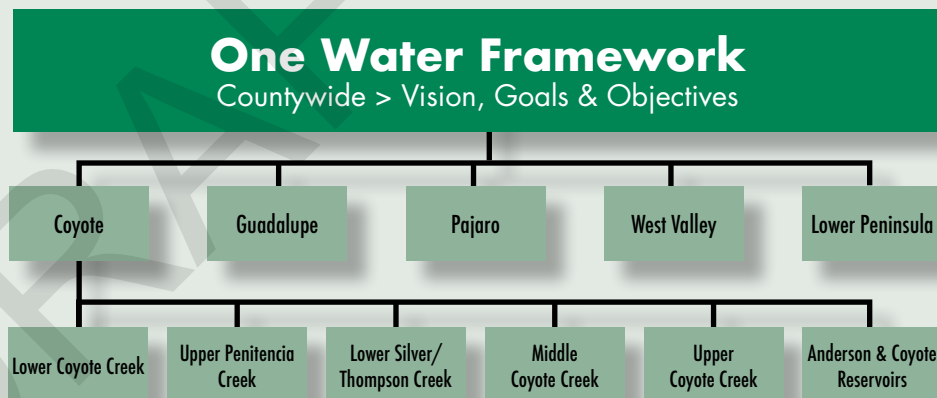


Equitable access to clean water and management of our shared water resources will be an ongoing challenge that One Water can help address. As new challenges such as climate change and income inequity mount in the years ahead, Valley Water will continue to deliver clean water, reduced flood risk, and resilient healthy landscapes to all the people of Santa Clara County.

What's included in the One Water Framework?

- Overviews of past and present conditions including detailed maps of water supply infrastructure, flood control channels, descriptions of sensitive habitats and species, and discussion of management impacts on local communities, agriculture, groundwater, trails, conservation efforts, and other current topics.
- Framework goals, objectives and metrics spelled out.
- Examples of integrated projects already occurring on a countywide scale including the restoration of the South Bay salt ponds, the Shoreline Study for coastal flood protection levee on the bayshore, a plan to capture more stormwater as a resource, efforts to clean up homeless encampments, near-water recreation and hazardous tree abatement programs, and more.
- Clear guidance for more detailed watershed plans. By way of example, appropriate One Water actions may include projects such as expanded riparian habitat, offstream flood detention, and improved fish habitat and passage.
- Reference appendices on special status plant, animal and fish species, as well how One Water relates to other Valley Water and partner plans, regulations, and policies.
LINK TBD

Watershed-Based Planning Structure



Executive Summary: One Water, Santa Clara Countywide Framework, Valley Water (184 pages).

Version 6, print date, January 2021.

Font: Futura PT, an OpenType font licensed from the Adobe Type Library.



ONE WATER

Countywide Framework

One Water integrates state, regional and local policies into a countywide framework for managing water resources on a watershed scale. The framework includes goals and objectives for the flood protection, stream stewardship, and water supply functions of the District.

Groundwater Management Plan

Watershed-specific Plans

Water Supply Master Plan

FAHCE Program

Climate Change Action Plan

Master plans prioritize strategies for achieving Board policies and the goals and objectives in the One Water framework. They provide level of service goals and inform program-level plans.

Stormwater Resource Plans

Safe Clean Water Program

Asset Management Program

Urban Water Management Plan

Stream Maintenance Program

Countywide Water Reuse Master Plan

Program-level plans (examples) describe how the level of service goals in the master plans will be achieved.

Operating Projects and Programs
(e.g., Invasive Species Removal, Water Conservation Program, etc.)

Capital Projects
(e.g., South Bay Salt Ponds Restoration, Anderson Dam Seismic Retrofit, etc.)

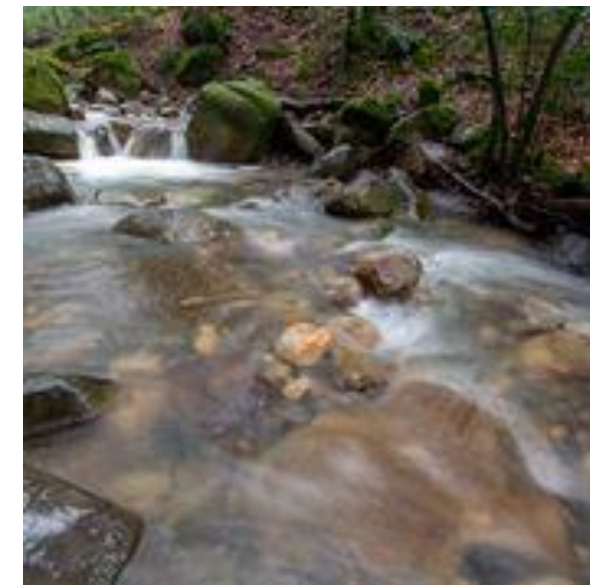
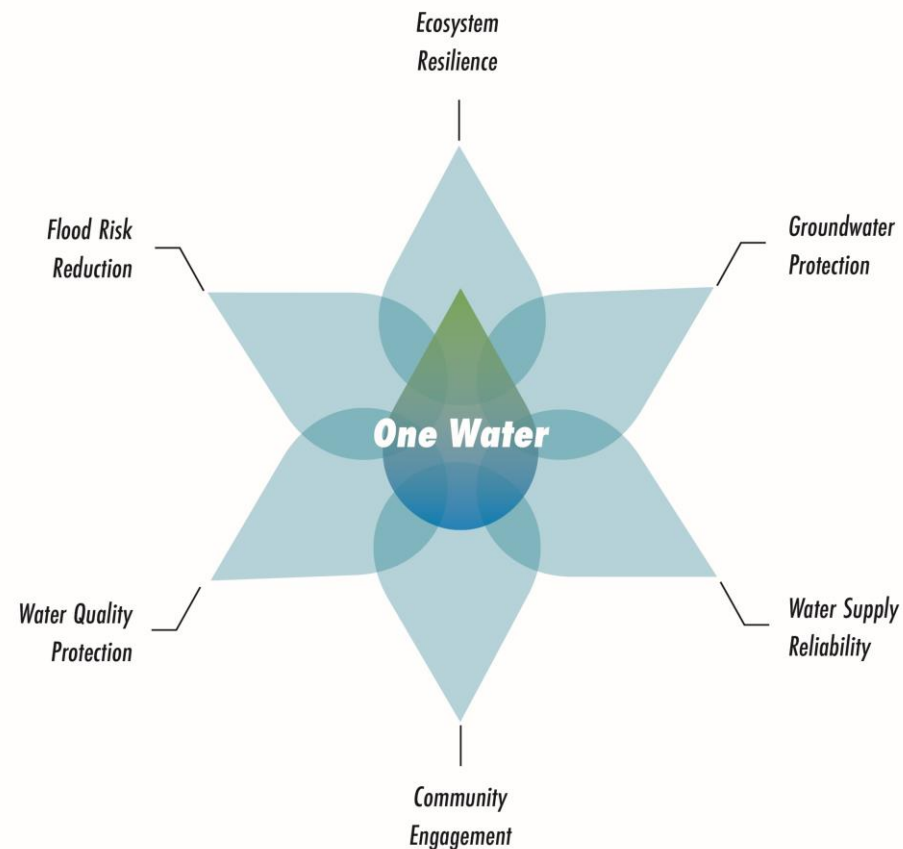
Programs and projects implement the master plans and program level plans.

Annual Budget

Protection and Augmentation of Water Supplies

Capital Improvement Program

Financial plans implement the master plans and program-level plans through projects and programs.



One Water: Santa Clara Countywide Framework

An Integrated Approach to Water Resources Management

One Water Alignment with Board Policy

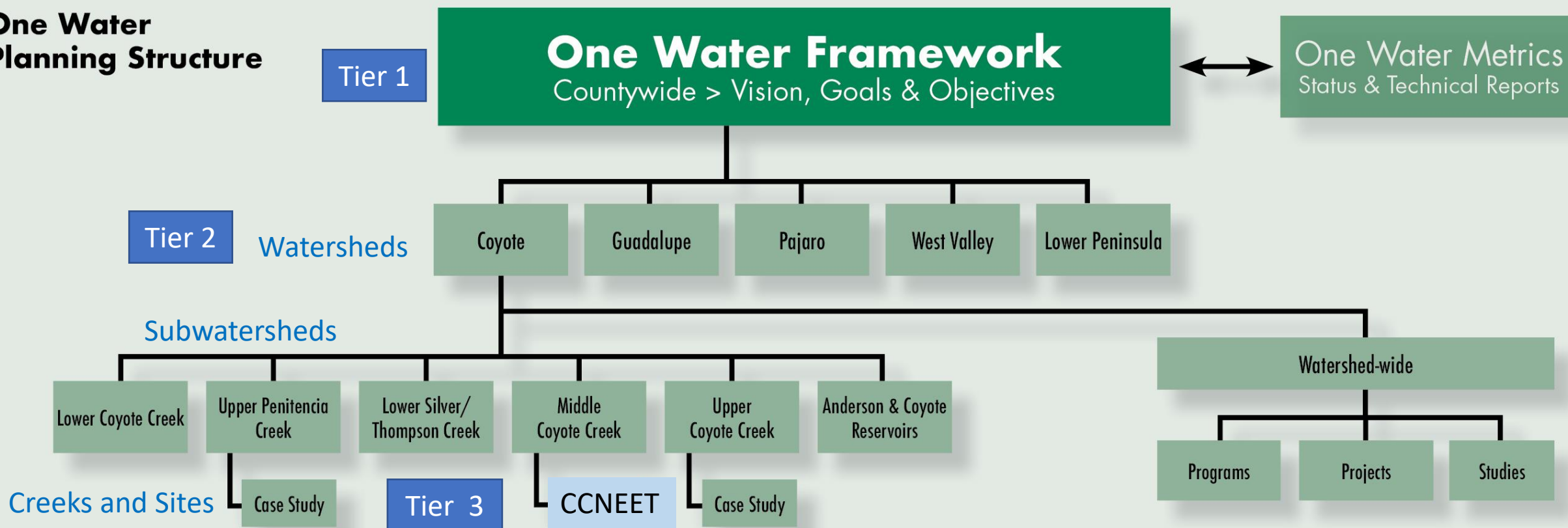
Valley Water Mission and Board Ends Policies	One Water Vision and Goals	One Water Objectives
<i>To provide Silicon Valley safe, clean water for a healthy life, environment, and economy.</i>	<i>To manage water resources holistically and sustainably to benefit people and the environment in a way that is informed by community values.</i>	All (A thru E)
E-2 Water Supply	Goal 1	
E-2.1 Current and future water supply is reliable.	Reliable Water Supply	Objective A: Protect, maintain, and develop local surface and ground water supplies
E-2.3 Reliable high-quality drinking water is delivered.		Objective B: Support high quality surface water in reservoirs for applicable human and aquatic life uses
E-3 Natural Flood Protection	Goal 2	
E-3.1 Provide natural flood protection.	Improved Flood Protection	Objective C: Reduce Flood Risk
E-3.2 Reduce potential for flood damages.		Objective C: Reduce Flood Risk
E-4 Water Resources Stewardship	Goal 3	
E-4.1 Protect and restore creek, bay, and other aquatic ecosystems.	Healthy and Resilient Ecosystems	Objective D: Protect, Enhance and Sustain Natural Ecosystems
E-4.3 Strive for zero net greenhouse gas emission or carbon neutrality.		Objective E: Mitigate and Adapt to Climate Change

Key Benefits of One Water

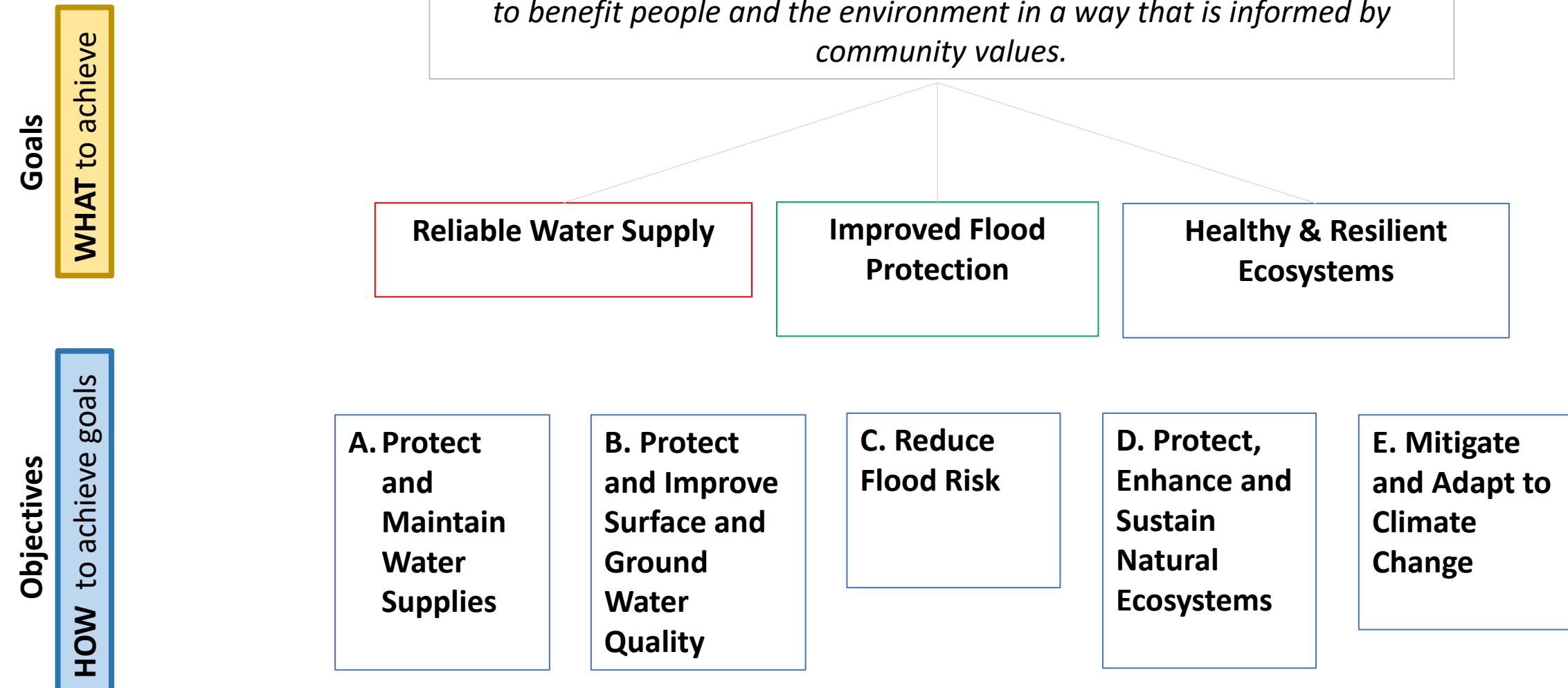
- ❑ Develops process of identifying and prioritizing actions
- ❑ Aids in long-range strategic planning across divisions and plans
- ❑ Serves as Flood Risk Reduction Master Plan
- ❑ Serves as Stream Stewardship Master Plan
- ❑ Provides basis to meet Regional Board requirements for a Watershed Plan/Profile
- ❑ Gives stakeholders a venue for coordination with Valley Water

One Water Planning Structure

One Water Planning Structure



Decision Making Framework



Prioritization and Implementation

1. Analyze Needs Based on Objectives Score
2. Identify Opportunities
3. Document how opportunities raise the bar
4. Prioritize List of Actions
5. Implement Actions
6. Monitor Progress Toward Target Conditions

One Water Plan Objectives:



A: Protect and Maintain Water Supplies



B: Protect and Improve Surface and Ground Water Quality



C: Reduce Flood Risk

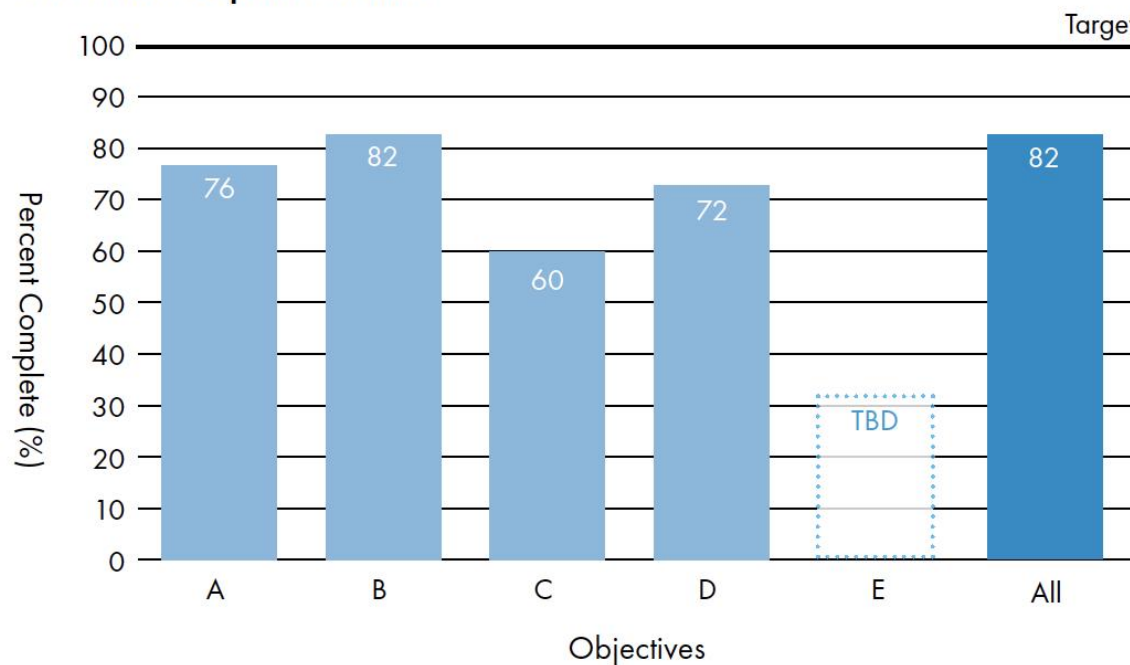


D: Protect, Enhance and Sustain Natural Ecosystems



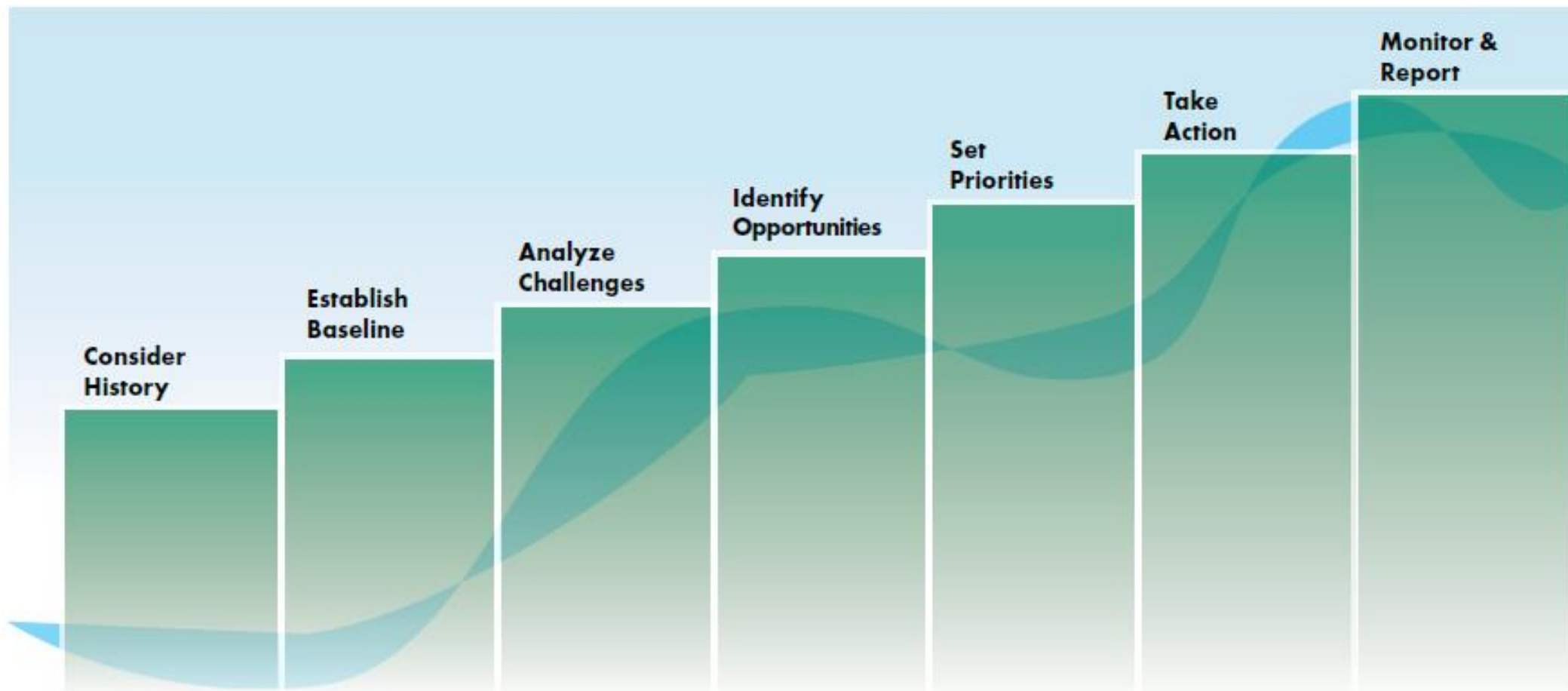
E: Mitigate and Adapt to Climate Change

One Water Objective Results

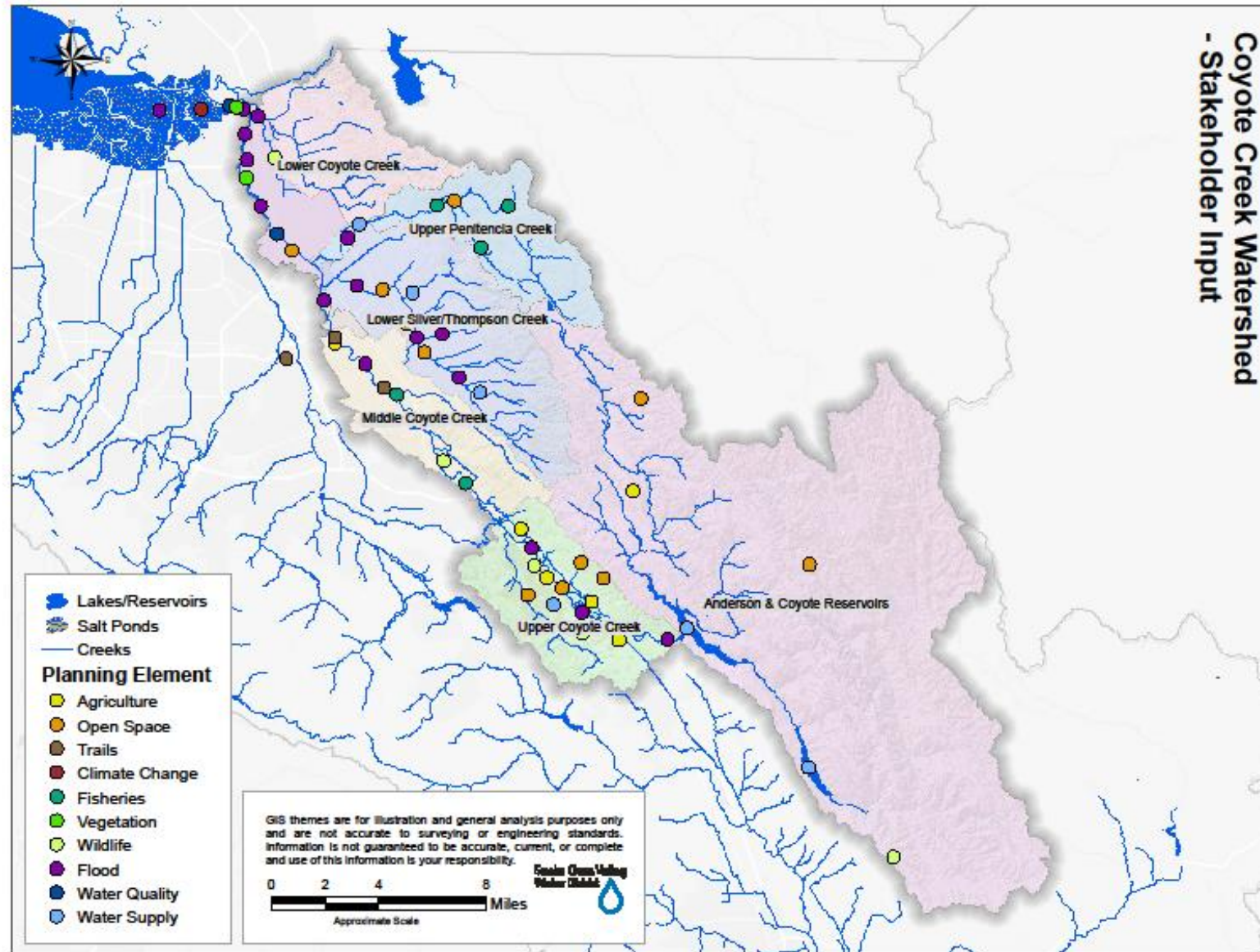


*Draft Data for One Water Objectives (Countywide and Coyote Watershed).
A (Water Supply), B (Water Quality), C (Flood Risk Reduction), D (Habitat), E (Climate Change)*

Steps to Integrated Planning



Example – Coyote Watershed



Next Steps

FY2021	FY2022	FY2023	FY2024 FWD
Draft Countywide Framework			
Update to BPPC - March 2021			
Finalize Framework and Coyote Watershed Plan			
Update to BPPC/Board of Directors - Spring 2021	Finalize Guadalupe Watershed Plan		
	Finalize Pajaro Watershed Plan		
		Finalize West Valley Watersheds Plan	
		Finalize Lower Peninsula Watersheds Plan	
			Implement Actions, Monitor Progress and Update Plans



Santa Clara Valley Water District

File No.: 21-0145

Agenda Date: 3/1/2021
Item No.: 4.3.

COMMITTEE AGENDA MEMORANDUM

Board Policy and Planning Committee

SUBJECT:

Work Plan, Meeting Schedule and Accomplishments Report.

RECOMMENDATION:

- A. Review 2021 Board Policy and Planning Committee's Work Plan and Accomplishments Report and incorporate any new tasks; and
- B. Schedule Committee meetings as appropriate.

SUMMARY:

This item allows the Committee to review its 2021 Work Plan, meeting schedule and accomplishments report and identify additional tasks and schedule meetings as appropriate.

ATTACHMENTS:

Attachment 1: 2021 BPPC Work Plan & Accomplishments Report

UNCLASSIFIED MANAGER:

Michele King, 408-630-211

2021 Board Policy and Planning Committee Work Plan and Schedule

Subject	Task	1/7/2021	1/25/2021	3/1/2021	4/5/2021	5/3/2021	6/7/2021	7/5/2021	8/2/2021	9/6/2021	10/4/2021	11/1/2021	12/6/2021
Board Planning Process	A. Provide Support for Board Planning Activities												
	1. Planning for Board's FY22-23 Strategic Planning Workshop												
	2. Discuss FY21-22 Board Budget Message & Board Work Plan				X								
	B. Provide Support for Board Policy Review												
	1. Report on Outreach Plan for use of District Property for Trails		X										
	2. Outreach Findings on the Untreated Surface Water Program				X								
	3. Develop new Ends Policy reflecting the Board's Goals and Objectives for affordable and effective level and costs of services, and associated strategies to achieve the goals and objectives for Flood Protection Projects. (E-3)												
	4. Review Ends Policy 4 (E-4) to properly document Board's vision and monitoring process on Flood Protection, Stream Stewardship, Trails, Open Space Preserve.			X									
	5. Review Ends 2 (E-2) - There is a Reliable, Clean Water Supply for Current and Future Generations.	X			X								
	6. Revised Water Resources Protection Ordinance				X								
7. Climate Change Policy and Action Plan				X									
8. One Water Countywide Framework			X										
9. Proposed Modifications to Board Governance Ends Policy General Principles E-1 and Glossary to Add Environmental Justice Language	X												
Board Committees Principles and	C. Align Board Committees' Work Plans with Board Planning Calendar												
	1. Review Effectiveness of Board Advisory Committees (External)												
Other Assignments Requested by Board	D. Other Assignments as Requested by the Board												

2020 -2021 Board Policy and Planning Committee Accomplishments Report

Subject	Task	Action Taken
Board Planning Process	A. Provide ongoing support for Board Planning Activities	
	1. Discuss FY20-21 Board Budget Message & Board Work Plan	FY21 Board Work Plan and Chair messaged approved by the Board on 8/11/20
	2. Planning for Board's FY21-22 Strategic Planning Workshop	FT22 Strategic Planning Workshop recommendation approved by the Board on 11/24/20. Session scheduled for January 2021.
	B. Provide Support for Board Policy Review	
	1. Report on Outreach Plan for use of District Property for Trails	At the 10/26/20 meeting the BPPC recommended that staff schedule a public input meeting in mid-November or beginning of December and return to the BPPC with a report on the public input.
	2. Outreach Findings on the Untreated Surface Water Program	
	3. Develop new Ends Policy reflecting the Board's Goals and Objectives for affordable and effective level and costs of services, and associated strategies to achieve the goals and objectives for Flood Protection Projects. (E-3)	
	4. Review Ends Policy 4 to properly document Board's vision and monitoring process on Flood Protection, Stream Stewardship, Trails, Open Space Preserve, and Climate Change policies.	BPPC continues to review and provide input on E-4 policy, including addressing protection of endangered species in Goal 4.1; clarifying that environmental stewardship is optimized in project planning and operations in Goal 4.2; incorporating environmental justice principles throughout the policy (including making E-1 a stand alone policy); removing the climate change goal and develop and stand-alone climate change Ends Policy and Climate Change Action Plan; as well as other minor wording changes.
	5. Review Ends 2 (E-2) - There is a Reliable, Clean Water Supply for Current and Future Generations.	BPPC will review the restructuring of E-2 to include BAO Interpretations; connect with Water Supply Master Plan; reflect and incorporate strategies listed in all current master plans; incorporate language that reflects environmental and other beneficial, equitable, and affordable uses of water; and revise water supply to water resources to better reflect all water uses.
	6. Revised Water Resources Protection Ordinance	
7. Climate Change Policy and Action Plan	BPPC reviewed the Climate Change Action Plan and Climate Change Ends Policy 5 (E-5) and suggested some additional clarification and language and authorized Board Chair to work with CEO to schedule policy discussion with the Board. Action Plan will return to the Committee for further review.	
8. One Water Countywide Framework		
9. Proposed Modifications to Board Governance Ends Policy General Principles E-1 and Glossary to Add Environmental Justice Language	BPPC has reviewed, provided input, and requested modifications to E-1 policy. At the 1/7/21 special meeting the BPPC approved presenting staff's proposed modifications to the full Board.	
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	