



Santa Clara Valley Water District Capital Improvement Program Committee Meeting

Zoom Teleconference

RESCHEDULED REGULAR MEETING AGENDA

Monday, April 26, 2021
2:00 PM

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

Nai Hsueh, Chair, District 5
Linda J. LeZotte, Vice Chair, District
4
Tony Estremera, District 6

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.

Jessica Collins
Committee Liaison

Natalie Dominguez, CMC
Assistant Deputy Clerk II
Office/Clerk of the Board
(408) 265-2659
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Note: The finalized Board Agenda, exception items and supplemental items will be posted prior to the meeting in accordance with the Brown Act.

**Santa Clara Valley Water District
Capital Improvement Program Committee
RESCHEDULED REGULAR MEETING
AGENDA**

Monday, April 26, 2021

2:00 PM

Zoom Teleconference

IMPORTANT NOTICES

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

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

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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.

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/94158013374>

Meeting ID: 941 5801 3374

Join by Phone: 1 (669) 900-9128, 94158013374#

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 March 15, 2021 Meeting Minutes. [21-0397](#)

Recommendation: Approve the minutes.

Manager: Michele King, 408-630-2711

Attachments: [Attachment 1: 031521 CIP Committee Minutes](#)

Est. Staff Time: 5 Minutes

4. ACTION ITEMS:

- 4.1. Review Capital Project Monitoring - Feasibility and Planning Report. [21-0326](#)
Recommendation: Receive updates on projects in the feasibility and planning phase, discuss resources needs, and make recommendations, as necessary.
Manager: John Bourgeois, 408-630-2990
Christopher Hakes, 408-630-3796
Heath McMahon, 408-630-3126
Rechelle Blank, 408-630-2615
Attachments: [Attachment 1: Feasibility and Planning Report](#)
Est. Staff Time: 15 Minutes
- 4.2. Receive Information and Provide Feedback Regarding the Renewed Safe, Clean Water and Natural Flood Protection Program's Proposed Schedule and Funding Allocation Adjustments for Development of the First Five-Year Implementation Plan for Fiscal Years 2022-2026 and Receive an Update on Finance Strategies. [21-0246](#)
Recommendation: Receive information and provide feedback regarding the Renewed Safe, Clean Water and Natural Flood Protection Program's proposed adjustments for development of the first five-year implementation plan for Fiscal Years 2022-2026; and receive information regarding the potential for financing through the Water Infrastructure Finance and Innovation Act Loan for Safe, Clean Water and Natural Flood Protection capital projects.
Manager: Melanie Richardson, 408-630-2035
Attachments: [Attachment 1: PowerPoint](#)
Est. Staff Time: 10 Minutes
- 4.3. Review 2021 Capital Improvement Committee Work Plan. [21-0327](#)
Recommendation: Review the 2021 Capital Improvement Program Committee Work Plan and make adjustments as necessary.
Manager: Michele King, 408-630-2711
Attachments: [Attachment 1: 2021 CIP Committee Work Plan](#)
Est. Staff Time: 5 Minutes

5. INFORMATION ITEMS:

6. CLERK REVIEW AND CLARIFICATION OF COMMITTEE REQUESTS.

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

7. ADJOURN:

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- 7.1. Adjourn to Regular Meeting at 11:00 a.m., on May 17, 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.: 21-0397

Agenda Date: 4/19/2021
Item No.: 3.1.

COMMITTEE AGENDA MEMORANDUM

Capital Improvement Program Committee

SUBJECT:

Approval of March 15, 2021 Meeting Minutes.

RECOMMENDATION:

Approve the minutes.

SUMMARY:

In accordance with the Ralph M. Brown Act, a summary of Committee discussions, and details of all actions taken by the Capital Improvement Program Committee, during all open and public Committee meetings, is transcribed and submitted to the Committee for review and approval.

Upon Committee approval, minutes transcripts are finalized and entered into the Committee's historical record archives, and serve as the official historical record of the Committee's meeting.

ATTACHMENTS:

Attachment 1: 031521 CIP Committee Minutes

UNCLASSIFIED MANAGER:

Michele King, 408-630-2711

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CAPITAL IMPROVEMENT PROGRAM COMMITTEE MEETING

MINUTES

**MONDAY, MARCH 15, 2021
11:00 AM**

(Paragraph numbers coincide with agenda item numbers)

1. CALL TO ORDER:

A regular meeting of the Santa Clara Valley Water District (Valley Water) Capital Improvement Program Committee (Committee) was called to order via Zoom video teleconference at 11:00 a.m.

1.1 Roll Call.

Committee members in attendance were District 4 Director Linda LeZotte, District 6 Director Tony Estremera, and District 5 Director Nai Hsueh, Chairperson presiding, constituting a quorum of the Committee.

Staff members in attendance were J. Aranda, S. Berning, R. Blank, J. Bourgeois, T. Bridgen, P. Carter, J. Collins, M. Cook, N. Dominguez, S. Ferranti, A. Fraumeni, M. Ganjoo, C. Hakes, R. Heacock, J. Martin, H. McMahon, J. Middleton, D. Montenegro, C. Narayanan, L. Orta, S. Peters, B. Ponce, M. Potter, M. Richardson, L. Rossiter, D. Taylor, K. Wong and T. Yoke

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

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

3. APPROVAL OF MINUTES**3.1. Approval of February 8, 2021 Meeting Minutes.**

Recommendation: Approve the minutes.

The Committee considered the attached minutes of the February 8, 2021 Capital Improvement Program Committee meeting. It was moved by Director Estremera, seconded by Director LeZotte, and unanimously carried that the minutes be approved as presented.

4. ACTION ITEMS

4.1. Capital Project Monitoring - Construction.

Recommendation: Receive and discuss information regarding the status of capital projects in the construction phase.

Deputy Operating Officers Mr. Heath McMahon and Ms. Rechelle Blank, and Mr. Mike Cook, Deputy Administrative Officer, reviewed the information on this item, per the attached Committee Agenda Memo, and the corresponding presentation materials contained in Attachment 1 as follows: Mr. McMahon reviewed items 1 through 6, Ms. Blank reviewed Items 7 through 14, and Mr. Cook reviewed Items 15 through 18.

During the presentation, the Committee made the following requests of staff:

- Include location description of project reach and clarify whether projects are a flood protection project, or a project associated with Safe, Clean Water and include the priority number;
- Regarding Item 9, Upper Llagas Creek Flood Protection Project, Phase I and Phase 2A: Should any issues arise with regard to funding or permitting that would impact Phase 2B that the Committee be provided an opportunity to review issues prior to advertising for bids; and
- Regarding East Side flood protection projects: The Committee requested staff prepare a summary of project costs, federal and state funding leveraged into Santa Clara County, subventions received, and the number of parcels that have been protected by the project to share Valley Water's accomplishments with public.

4.2. Receive update on the Rinconada Water Treatment Plant Residuals Remediation Project, Project No. 93294058.

Recommendation: Receive update on the Rinconada Water Treatment Plant Residuals Remediation Project, Project No. 93294058.

Mr. McMahon reviewed the information on this item, per the attached Committee Agenda Memo, and corresponding presentation materials contained in Attachment 1 were reviewed by Mr. Brandon Ponce, Capital Engineering Manager.

The Committee requested staff provide an update on the Rinconada Water Treatment Plant Residuals Remediation Project to the Board of Directors before the request to advertise for bids is presented for Board consideration.

4.3. Receive Information on Upcoming Consultant Agreement Amendments for Capital Projects.

Recommendation: Receive information on upcoming consultant agreement amendments for capital projects.

Ms. Blank reviewed the information on this item, per the attached Committee Agenda Memo.

The Committee noted the information without formal action.

4.4. Status Update on the Contract Compliance Process and the Implementation from the recommendations from the 2015 Consultant Contracts Management Process Audit Conducted by Navigant Consulting, Inc. (Navigant), the Fiscal Year 2017-2018 (FY18) status update Consultant Contracts Improvement Process and subsequent update for the Fiscal Year 2020-2021 (FY21) Consultant Contracts Improvement Process.

Recommendation: Receive a status update on the Contract Compliance Process and implementation of the recommendations made by Navigant in the 2015 Consultant Contracts Management Process Audit and the FY18 Consultant Contracts Improvement Process.

Ms. Tina Yoke, Chief Administrative Officer, reviewed the information on this item, per the attached Committee Agenda Memo, and the corresponding presentation materials contained in Attachment 2, were reviewed as follows: Mr. Kenneth Wong, Deputy of General Services, reviewed Slides 1 through 12, and Ms. Yoke reviewed Slides 13 through 21.

The Committee asked for, and received, an explanation of the contract administration process, consultant performance and accountability monitoring process, and potential remedies to resolve compliance issues.

Mr. Bill Sherman, San Jose resident, expressed appreciation for staff's efforts to identify the causes associated with non-compliance and remedies, and suggested Valley Water consider establishing specific criteria to select a limited number of qualified contractors for specific projects.

Director LeZotte asked for, and received, an update on activities and progress to date regarding improvements to the contracting process.

4.5. Receive Update on Additional Recommended Board Engagement Points Related to the Operations and Maintenance Cost and Impact Assessment Within the Capital Project Delivery Process.

Recommendation: Review and provide feedback regarding adding the following operations and maintenance (O&M) engagement points to the Capital Project Delivery Process for all capital projects:

- A. Include an O&M cost and impact assessment section when the Engineer's Report or California Environmental Quality Act (CEQA) compliance document is presented to the Board for approval; and
- B. If significant changes occur after the Engineer's Report or CEQA compliance document is approved by the Board, present an updated O&M cost and impact assessment to the Capital Improvement Program (CIP) Committee.

Ms. Jessica Collins, Watersheds Business Planning & Analysis Manager, reviewed the information on this item, per the attached Committee Agenda Memo, and Ms. Lydia Rossiter, Program Administrator, reviewed the corresponding presentation materials contained in Attachment 1.

The Committee noted the information without formal action.

4.6. Review 2021 Capital Improvement Committee Work Plan.

Recommendation: Review the 2021 Capital Improvement Program Committee Work Plan and make adjustments as necessary.

Chairperson Hsueh reviewed the information on this item, per the attached Committee Agenda Memo, and corresponding presentation materials contained in Attachment 1.

The Committee made the following adjustment to the Committee Work Plan:

- Include a 15-year funding scenario for the Safe, Clean Water Program.

5. INFORMATION ITEMS.

None.

6. CLERK'S REVIEW AND CLARIFICATION OF COMMITTEE REQUESTS AND RECOMMENDATIONS:

Ms. Natalie Dominguez, Assistant Deputy Clerk II, confirmed there were no new recommendations for Board consideration and reviewed the following Committee requests:

Regarding Item 4.1:

- Include location description of project reach and clarify whether projects are a flood protection project, or a project associated with Safe, Clean Water and include the priority number;
- Regarding Item 9, Upper Llagas Creek Flood Protection Project, Phase I and Phase 2A: Should any issues arise with regard to funding or permitting that

would impact Phase 2B that the Committee be provided an opportunity to review issues prior to advertising for bids; and

- Regarding East Side flood protection projects: The Committee requested staff prepare a summary of project costs, federal and state funding leveraged into Santa Clara County, subventions received, and the number of parcels that have been protected by the project to share Valley Water's accomplishments with public.

Regarding Item 4.2:

The Committee requested staff provide an update on the Rinconada Water Treatment Plant Residuals Remediation Project to the Board of Directors before the request to advertise for bids is presented for Board consideration.

7. ADJOURN

- 7.1. Adjourn to Regular Meeting at 11:00 a.m., on April 19, 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.

Chairperson Hsueh adjourned the meeting at 12:55 p.m., to the next regular schedule meeting on April 19, 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.

Natalie F. Dominguez, CMC
Assistant Deputy Clerk II

Approved:

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Santa Clara Valley Water District

File No.: 21-0326

Agenda Date: 4/19/2021

Item No.: 4.1.

COMMITTEE AGENDA MEMORANDUM

Capital Improvement Program Committee

SUBJECT:

Review Capital Project Monitoring - Feasibility and Planning Report.

RECOMMENDATION:

Receive updates on projects in the feasibility and planning phase, discuss resources needs, and make recommendations, as necessary.

SUMMARY:

The CIP Committee's 2021 Workplan includes monitoring of capital projects during all phases of delivery. Staff will prepare a list of active projects to submit to the Committee each month and will provide detailed information on those where potential and/or significant issues have been identified. The projects presented for discussion will be organized by phases: feasibility/planning; design/permitting; and construction. Staff will present projects to the CIP Committee for review one phase at a time. Projects currently in the feasibility/planning phase are being presented this month.

Attachment 1 is a list of projects in the feasibility/planning phase. A verbal report will be provided at the meeting with more detailed information about recent developments as requested by the Committee.

ATTACHMENTS:

Attachment 1: Feasibility and Planning Report

UNCLASSIFIED MANAGER:

John Bourgeois, 408-630-2990
Christopher Hakes, 408-630-3796
Heath McMahon, 408-630-3126
Rechelle Blank, 408-630-2615

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Capital Project Monitoring - April 2021

Planning and Feasibility Phase

Row	Project No.	Project Name	Notes, Upcoming Board Actions or potential issues
<u>Water Supply</u>			
1	91084019	Dam Seismic Stability Evaluation	Seismic stability evaluations for Coyote, Chesbro and Uvas Dams on track for completion by December 2021. Spillway evaluations for Lenihan and Stevens Creek Dams started in October and are on track.
2	91954002	Pacheco Reservoir Expansion Project	Project alternatives including variations of the dam site and embankment type are being assessed for environmental impact, technical feasibility, and potential cost savings. Preparation of the Draft EIR is underway with development of the project description, impact analysis, and public scoping meetings for additional comments were held in February.
3	92C40357	FAHCE Implementation	In response to the National Marine Fisheries Service, the Coyote Creek portion of the Fish and Aquatic Habitat Collaborative Effort (FAHCE) is being coordinated with the Anderson Dam Seismic Retrofit Project.
4	92264001	Vasona Pumping Plant Upgrades	Feasible Alternatives analysis report anticipated to be complete April 2021. Will include electrical and mechanical upgrades to provide for additional flexibility and future needs.
5	93084004	WTP Electrical Improvement	Conceptual and Feasible Alternatives Development & Evaluation Report work completed February 2021. Planning Study Report is nearing completion.
6	93234044	Penitencia WTP Residuals Management Project	RFP for design consultant services has been prepared and is in final internal review. Quarterly progress updates are being provided to the California State Water Resources Control Board's Division of Drinking Water.
7	92304001	Almaden Valley Pipeline Replacement Project	The Business Case Report has been prepared and is under internal review. The Planning Phase Work Plan and Project Plan will commence thereafter.
8	91304001	Expedited Purified Water Program - P3	CEQA scoping meeting took place March 29, 2021 and Industry Day on March 30, 2021. Working toward release of the RFQ. Additional information to be reviewed at Recycled Water Committee.
9	95044002	SCADA Implementation Project	Staff is finalizing the implementation plan and owner's advisor consultant RFPs. RFP target release date is April 2021.
10	93044001	Water Treatment Plant Implementation Project	Implementation plan consultant proposals were received in February 2021. Interviews for shortlisted consultants are scheduled for end of March with completion of consultant agreement targeted for June 2021.
11	95044001	Distribution System Implementation Project	Staff is finalizing the implementation plan consultant RFP. RFP target release date is May 2021.
<u>Flood Protection</u>			
12	26174043	Coyote Creek, Montague Expressway to Tully Road	Due to Federal Energy Regulatory Commission Order, project was split into two projects: Coyote Creek Flood Management Measures and Coyote Creek Flood Protection Project. Planning Study Report for the Coyote Creek Flood Protection Project and Coyote Creek Flood Management Measures to protect from a 2017 equivalent flood event was completed in January 2021 and is under review. For the U.S. Army Corps of Engineers effort, the Section 1126 Memorandum of Agreement Project Management Plan has been completed.
13	26324001	Upper Penitencia Ck, Coyote Ck-Dorel Drive	Recommended project proceeding with Phase 1 and Phase 2 work, as approved by the Board of Directors in December 2019. Per Board direction (on December 17, 2019), \$21M (uninflated) was transferred from this project to Coyote Creek. Draft Planning Study Report completed in Dec 2020 and is under QC review.
14	30154019	Guadalupe River - Tasman to Hwy 880	Problem Definition Report completed July 2019; Feasible alternatives analysis currently underway; public meeting held October 1. Planning study report delayed by six months to spring of 2021 due to extensive list of alternatives and the work required to analyze.

Capital Project Monitoring - April 2021

Planning and Feasibility Phase

Row	Project No.	Project Name	Notes, Upcoming Board Actions or potential issues
15	00044026s	San Francisco Bay Shoreline - Phase II and Phase III	USACE Phase II Feasibility Study began 26 Sep 2019 and alternatives milestone meeting was held 23 Jan 2020. USACE is requesting a 3X3X3 SMART waiver to increase study cost by \$2.6M and extend schedule by 18 months; USACE total study cost now estimated to be \$5.6M, Valley Water is responsible for 50% of the cost. The Phase II study includes Economic Impact Areas (EIAs) EIA 1-4 (from San Francisquito Creek in Palo Alto to Permanente Creek in Mountain View). The next Phase II study milestone is the Tentative Selection Plan and is scheduled for completion in July 2022 pending the waiver extension. USACE is requesting future funding for a Phase 3 Feasibility Study for EIAs 5-10 (from Permanente Creek in Mountain View to Guadalupe River in San Jose).

Water Resources Stewardship

16	62044001	Stevens Creek Fish Passage Barrier Analysis	Consultant contract extended until June 30, 2021. Original study completed in summer of 2020 and was presented to the community through a virtual brown bag in November 2020. Consultant will develop conceptual designs for the most significant barriers to assist the project team in a prioritization study to be developed in spring 2021.
17	62044001	Metcalf Pond Feasibility Study	Project team has engaged Steering Committee members with planning charrettes (problem definition and conceptual alternatives) in 2020. Draft Feasibility Study Report done in December 2020 and is under QC review.
18	20444001s	Salt Ponds A5-11 Restoration	Draft Feasibility study on the realignment of Calabazas and San Tomas Creeks completed. Final report to be presented to the Board for study direction April 2021.
19	62044003	Ogier Ponds Planning Study	Staff proceeding with early planning phase tasks to develop conceptual alternatives as negotiations with the landowner (County Parks) on a Property Use Agreement are finalized.

Buildings & IT

No projects to report at this time



Santa Clara Valley Water District

File No.: 21-0246

Agenda Date: 4/19/2021

Item No.: 4.2.

COMMITTEE AGENDA MEMORANDUM

Capital Improvement Program Committee

SUBJECT:

Receive Information and Provide Feedback Regarding the Renewed Safe, Clean Water and Natural Flood Protection Program's Proposed Schedule and Funding Allocation Adjustments for Development of the First Five-Year Implementation Plan for Fiscal Years 2022-2026 and Receive an Update on Finance Strategies.

RECOMMENDATION:

Receive information and provide feedback regarding the Renewed Safe, Clean Water and Natural Flood Protection Program's proposed adjustments for development of the first five-year implementation plan for Fiscal Years 2022-2026; and receive information regarding the potential for financing through the Water Infrastructure Finance and Innovation Act Loan for Safe, Clean Water and Natural Flood Protection capital projects.

SUMMARY:

On November 3, 2020, Santa Clara County voters overwhelmingly approved Measure S, a renewal of Valley Water's Safe, Clean Water and Natural Flood Protection Program (Safe, Clean Water Program). Voters first approved a community-focused program to address our waterways and water supply in 2000 as the Clean, Safe Creeks and Natural Flood Protection Plan, then again in 2012 as the Safe, Clean Water and Natural Flood Protection Program.

The renewed Safe, Clean Water Program addresses the following six community priorities:

Priority A: Ensure a Safe, Reliable Water Supply

Priority B: Reduce Toxins, Hazards, and Contaminants in our Waterways

Priority C: Protect Our Water Supply and Dams from Earthquakes and Other Natural Disasters

Priority D: Restore Wildlife Habitat and Provide Open Space

Priority E: Provide Flood Protection to Homes, Businesses, Schools, Streets, and Highways

Priority F: Support Public Health and Public Safety for Our Community

The renewed Safe, Clean Water Program requires Valley Water to develop five-year implementation plans, which serve as planning documents for the upcoming five years.

The Draft 5-Year Plan for Fiscal Years 2022-2026 (FY22-26) describes the work to be accomplished during the five-year period in order to deliver the Key Performance Indicators (KPIs) and clarifies

roles and responsibilities for implementing, measuring, monitoring and directing the Safe, Clean Water projects. It breaks down the KPIs into five-year targets and then proposes measures to gauge progress toward those targets. These also define the completion category for the five-year targets to ensure transparency and accountability.

The plan provides an opportunity to carry out text adjustments, funding adjustments, reassess projects and KPIs, and address any new needs that may arise to ensure that the Safe, Clean Water Program continues to fulfill the community and Board priorities. However, the Board is not limited to making changes to the Program at five-year intervals. The Board must make all adjustments during a publicly held board meeting and any changes to the KPIs or decisions not to implement a project require a public hearing before a vote of the Board occurs during a public meeting.

During the development of the community preferred program for the renewal of the Safe, Clean Water Program in early 2020, Valley Water staff estimated the funding required to deliver the various KPIs. However, as the projects progress, project costs and schedules can change due to changing conditions, circumstances and inflation, etc. Since the program's development, some capital project costs have increased, and some operations project costs have decreased.

Overall, there has been an increase in project costs, putting long-term pressure on the Safe, Clean Water Program Fund (Fund). With this Draft 5-Year Plan, staff is proposing that the Board approve funding and fund transfer schedule adjustments, which are necessary to ensure that Valley Water delivers the KPIs while responsibly managing the Fund in compliance with the Board's fiscal policies. Meanwhile, Valley Water will continue to pursue external funding, including grants, such as the Natural Resources Conservation Service (NRCS) grant for the *Upper Llagas Creek Flood Protection (Project E6)*, and federal low-cost loans that may be available from the Water Infrastructure Finance and Innovation Act of 2014 (WIFIA) for the following projects: *Coyote Creek Flood Protection (Project E1)*; *Sunnyvale East and Sunnyvale West Channels Flood Protection (Project E2)*; *San Francisquito Creek Flood Protection (Project E5)*; and *Upper Llagas Creek Flood Protection (Project E6)*.

The details of the proposed schedule and funding adjustments included in this Draft 5-Year Plan are provided below. For capital project adjustments, unless otherwise noted, the schedule and funding changes are incorporated into the Draft FY22-26 Capital Improvement Program.

Renewed Safe, Clean Water Schedule Adjustments

As per the Safe, Clean Water Program's Change Control Process, staff is recommending the following project schedule adjustments, which are incorporated into the Draft 5-Year Plan.

Project A1: Pacheco Reservoir Expansion

Sections: Schedule for Fund transfer

Justification: The project KPI is to "Provide a portion of funds up to \$10 million, to help construct the Pacheco Reservoir Expansion Project." During the development of renewed Safe, Clean Water Program, the fund transfer to the Pacheco Reservoir Expansion Project (Water Utility Enterprise Fund 61) was scheduled to take place in FYs 2027 and 2028. However, to maintain the health of the Safe, Clean Water Fund in the face of increasing capital project costs, the fund transfer is now proposed to take place over a seven-

year period from FYs 2025 to 2031. (If approved by the Board, the adjustment will be included in the FY23-27 CIP).

Project A3: Pipeline Reliability

Sections: Schedule

Justification: The overall project construction schedule is extended by two years to be completed in FY28 instead of FY26. The schedule extension allows the valve installation work to be combined with the construction activities for the 10-Year Pipeline Inspection & Rehabilitation Project to minimize customer impacts. While three of the valves; one each on Snell, Santa Clara Distributary and West treated water pipelines, will be installed by the end of FY26, the fourth valve, which is on East (Evergreen) Pipeline, will be installed in FY28.

Project C1: Anderson Dam Seismic Retrofit

Sections: Schedule for Fund transfer

Justification: The project KPI is to “Provide a portion of funds, up to \$54.1 million, to help restore full operating reservoir capacity of 90,373 acre-feet.” During development of the renewed Safe, Clean Water Program, the fund transfer to the Anderson Dam Seismic Retrofit Project (Water Utility Enterprise Fund 61) was scheduled for FY28. However, to maintain the health of the Safe, Clean Water Fund in the face of increasing capital project costs, the fund transfer is now proposed to take place over an eight-year period from FYs 2025-2032. (If approved by the Board, the adjustment will be included in the FY23-27 CIP).

Project E2: Sunnyvale East and Sunnyvale West Channels Flood Protection

Sections: Schedule

Justification: The project construction schedule has been revised by two years to begin in FY22 (instead of late FY21) and be completed in late FY26 (instead mid-FY24). The construction schedule has been adjusted to account for continued discussions with Google regarding their Caribbean Development Project, which will enhance approximately 1,100 linear feet of the Sunnyvale West Channel and generate on-site mitigation for use by Valley Water. Valley Water has completed design and continues efforts to acquire the various regulatory agency permits required for construction. The delay in construction schedule has increased the inflated project cost by \$2.2 million from \$33 million to \$35.2 million. Meanwhile, Valley Water is working to seek construction funding from the federal low-cost WIFIA loan program.

Project E8: Upper Guadalupe River Flood Protection

Sections: Schedule

Justification: The construction schedule for the local-funding only project (KPI #2) has been postponed by three years with construction now estimated to be

completed in FY29. This is necessary to allow the U.S. Army Corps of Engineers (USACE) to conduct a General Re-evaluation Study, a study to re-evaluate the scope of the entire project and the associated benefits and costs that can help make the project more competitive for federal funding. A new preferred project (KPI #1) will be developed following the completion of the study in FY24. Meanwhile, if Valley Water were to assume the responsibility of continuing the design of the local-funding only project in FY24, project construction could be completed in FY29.

Renewed Safe, Clean Water Funding Adjustments

As per the Safe, Clean Water Program's Change Control Process, staff is recommending the project funding allocation adjustments listed below, which are incorporated into the Draft 5-Year Plan.

Project D1: Management of Riparian Planting and Invasive Plant Removal

Sections: Funding

Justification: The 15-year funding allocation for the project is reduced by \$16.2 million, from \$68.9 million to \$52.7 million. This reduction is possible because of Valley Water's revised implementation strategy. Instead of Valley Water staff doing all the work, it will be carried out by Valley Water staff with the support of contract staff, thus reducing the project cost.

Project D4: Fish Habitat and Passage Improvement

Sections: Funding

Justification: The project's estimated funding allocation has increased by approximately \$26 million, from \$44.1 million to \$70.1 million.

Project D4 has five (KPIs) and the \$26 million increase is associated with increased project construction cost estimates of the Almaden Lake Improvement Project, a capital project that would deliver KPI #2 to "Construct one (1) creek/lake separation project in partnership with local agencies."

Therefore, the estimated renewed Safe, Clean Water Program funding allocation to the Almaden Lake Improvement Project is increased from approximately \$24.4 million to approximately \$50.5 million. The increase is primarily because of the higher estimated project construction cost due to the water source change and cost refinements, with the project approaching 60% design plans. Staff plans to recommend the Board certify the Final Environmental Impact Report (EIR) in May 2021. At that same meeting, staff will recommend the Board approve the Almaden Lake Improvement Project as the project to be constructed under KPI #2.

Project D6: Restoration of Natural Creek Function

Sections: Funding

Justification: Estimated funding allocation is increased by \$2.6 million, from \$14.5 million to \$17.1 million. The escalation is primarily due to the increased

estimated construction costs of the Bolsa Road Fish Passage project, which is one of three projects to be constructed under Project D6. The Bolsa Road Fish Passage Improvement project cost increase is a result of various factors, including project refinements to accommodate the need for permanent access ramps for maintenance purposes and further cost refinements.

Project E1: Coyote Creek Flood Protection Upper Guadalupe River Flood Protection

Sections: Funding

Justification: The estimated funding allocation has been increased from \$41.8 million to \$45.7 million because of \$3.9 million increase in estimated project cost. The cost increase is a result of further refinement of project cost estimates in late 2020. Meanwhile, Valley Water is working to seek funding from the federal low-cost WIFIA loan program.

Project E5: San Francisquito Creek Flood Protection

Sections: Funding

Justification: The estimated funding allocation has increased by \$12.4 million, from \$31.5 million to \$43.9 million, because of project plan updates to reflect the full cost of the local-funding only project. The updates include capturing the costs associated with the Newell Road Bridge Replacement Project, which is a project element sponsored by the City of Palo Alto. The city is seeking grant funding of \$8.9 million, which is reflected in the updated project plan. Meanwhile, in conjunction with the San Francisquito Creek Joint Powers Authority, Valley Water is seeking \$20 million from grants, partnership contributions, and/or Continuing Authorities Program Section 205 funding from the USACE to help mitigate project costs, which would otherwise be funded from program reserves. Furthermore, Valley Water is working to seek funding from the federal low-cost WIFIA loan program.

Project E6: Upper Llagas Creek Flood Protection

Sections: Funding

Justification: The project's estimated funding requirement has increased by nearly \$114 million from \$46.3 million to \$160.1 million. The increase is primarily driven by the estimated project construction cost increase of \$20 million for Phase 2A and the inclusion of an estimated \$80 million construction cost of Phase 2B.

The Phase 2A construction cost has increased from an estimated \$30 million to \$50 million due to several factors. These include additional utility relocations to be coordinated and completed during construction, increased tunnel costs due to testing and stockpiling of excavated tunnel materials for possible naturally occurring asbestos, City of Morgan Hill's Hale Avenue Extension Project (to be fully reimbursed by the city), COVID-19 protocols and an additional level of Best Management Practices during construction, such as

temporary soundwall to reduce construction noise.

With the completion of Phase 1, which is currently under construction, and Phase 2A, which is expected to begin construction in May/June 2021, Valley Water will deliver the local-funding only project (KPI #2). The construction of Phase 2B would deliver KPI #1, which is the preferred project to be constructed with federal, state and local partnerships.

Of the required funding, Valley Water expects to receive \$7.3 million in state reimbursements. Valley Water is also seeking \$80 million via NRCS grant to help fund Phase 2B. Furthermore, Valley Water is working to seek funding from the federal low-cost WIFIA loan program.

The 5-Year Plan also includes an updated map, which reflects the 2019 Board modified project location outlining the creek reaches covered by the local-funding only project and those covered by the preferred project.

Project E7: San Francisco Bay Shoreline Protection

Sections: Funding

Justification: With an overall increase in capital project costs and to ensure that Valley Water delivers the KPIs while managing the Safe, Clean Water Fund in compliance with the Board's fiscal policies, it is proposed that Valley Water's estimated portion of the local share of this project be shared between two Valley Water funds instead of just the Safe, Clean Water Fund. Of the Valley Water's estimated share of \$46 million, \$30.4 million would be funded by the Safe, Clean Water Fund and the remaining \$15.6 million would come from the Watersheds Stream Stewardship (WSS) Fund. The main revenue sources for the WSS fund are 1% ad valorem property taxes and subvention reimbursements. (If approved by the Board, the adjustment will be included in the FY23-27 CIP).

Project F1: Vegetation Control and Sediment Removal for Capacity

Sections: Funding

Justification: The estimated 15-year Safe, Clean Water funding allocation for the project is reduced by \$10.5 million from \$114.1 million to \$103.6 million. This reduction is possible because of the revised Valley Water implementation strategy. Instead of Valley Water staff doing all the work, it will be carried out by Valley Water staff with the support of contract staff, thus reducing costs.

Potential Finance Strategy: Water Infrastructure Finance and Innovation Act Loan

The Water Infrastructure Finance and Innovation Act of 2014 (WIFIA) established the WIFIA program, a federal credit program administered by the Environmental Protection Agency (EPA) for eligible water and wastewater infrastructure projects. The WIFIA program accelerates investment in our

nation's water infrastructure by providing long-term, low-cost supplemental loans for regionally and nationally significant projects.

WIFIA can fund development and implementation activities for eligible projects, including: wastewater conveyance and treatment projects; drinking water treatment and distribution projects; enhanced energy efficiency projects at drinking water and wastewater facilities; desalination, aquifer recharge, and water recycling projects; acquisition of property, if it is integral to the project or will mitigate the environmental impact of a project; and a combination of eligible projects secured by a common security pledge or submitted under one application by Clean Water and Drinking Water State Revolving Fund programs.

Included in the PowerPoint (Attachment 1) is a slide outlining the list of projects for which Valley Water is exploring WIFIA loan funding, which includes the four Safe, Clean Water Program Projects detailed above. Valley Water staff will continue to coordinate with the EPA to develop a competitive proposal to meet the deadline for submitting a Letter of Interest for participation in the 2021 Notice of Funding Availability which is expected to be announced by the EPA in April/May 2021. Staff will provide the Committee with status updates on the progress of the application process throughout 2021.

ATTACHMENTS:

Attachment 1: PowerPoint

UNCLASSIFIED MANAGER:

Melanie Richardson, 408-630-2035

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Safe, Clean Water and Natural Flood Protection

Safe, Clean Water and Natural

Presented by: Jessica Collins, Business Planning and Analysis Unit Manager



Agenda

Renewed Safe, Clean Water Program

Proposed Adjustments

Financial Forecast Overview

Questions

History of Voter-Approved Measures



Renewed Program Highlights



Continues local funding for vital projects benefitting the community beyond 15-years.



Maintains existing parcel tax rate structure.



Adds a new priority to better reflect what is important to the community.



Continues independent monitoring with all expenditures published annually and external independent audits.



Updates existing projects and adds new or enhanced projects to address changing conditions and align with the community's needs today.



Based on input from tens of thousands of county residents and stakeholders.

Key Program Changes in Renewed Program



Addresses increasing demands for O&M and mitigation needs beyond 15 years.



Provides local funding for improved infrastructure reliability into future.



Provides additional funding for invasive plant removal; integrates climate change adaptation strategies in all priorities.



Streamlines and improves grants program, including expanded funding and access to funding availability each year.



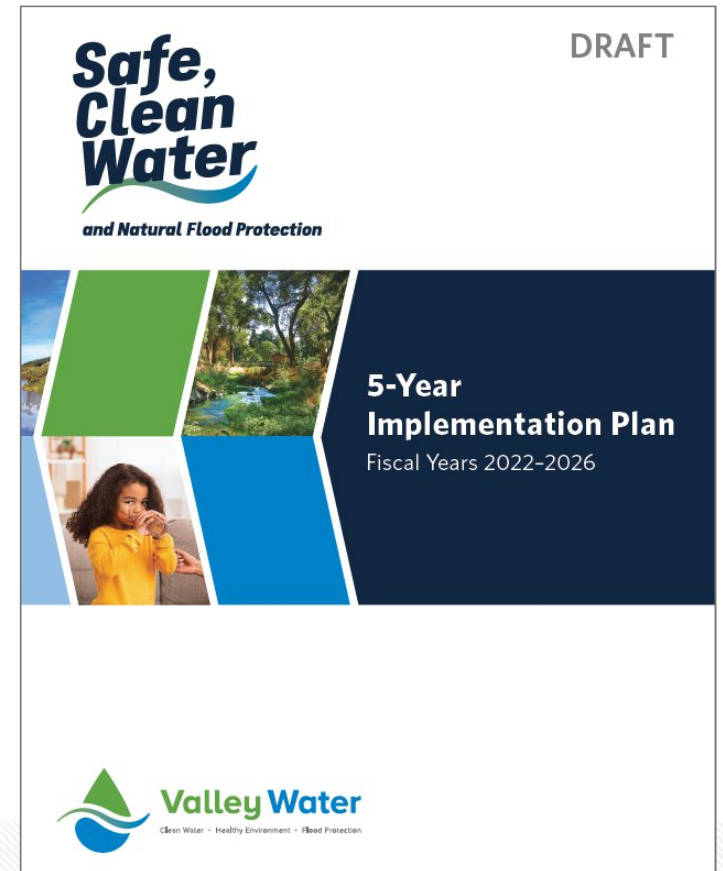
Provides for continued public safety near creeks due to increasing homeless encampments.



Public & Stakeholder Engagement Process every 15 years.

Transparency and Accountability

- ✓ Independent Monitoring Committee
- ✓ 5-Year Implementation Plans
- ✓ Annual Reports
- ✓ 5-Year Professional, independent audits
- ✓ Board meetings or Public Hearings
- ✓ Quarterly website updates
- ✓ 15-Year Public Reassessment Process



Change Control Process

Adjustments v. Modifications

Types of Changes	Adjustments	Modifications
Text	Edits to text for correction of grammatical errors, information/ data updates, and overall readability	Changes to a project key performance indicators (KPIs)
Schedule	Adjustments to project schedules provided in the original Program	
Funding	Fiscal Year budget adjustments and increases to project funding allocations that do not impact any project deliverables in the Program	Increases to project funding allocations that will impact any project's KPIs in the Program

6 Community-Preferred Priorities



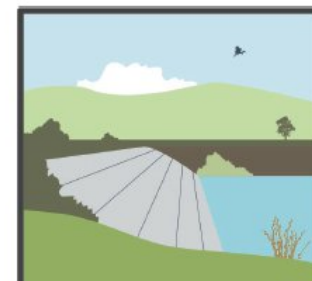
Priority A
Ensure a safe, reliable water supply

Safe, Clean Water and Natural Flood Protection



Priority B:
Reduce toxins, hazards and contaminants in our waterways

Safe, Clean Water and Natural Flood Protection



Priority C:
Protect our water supply and dams from earthquakes and other natural disasters

Safe, Clean Water and Natural Flood Protection



Priority D:
Restore wildlife habitat and provide open space access

Safe, Clean Water and Natural Flood Protection



Priority E:
Provide flood protection to homes, businesses, schools, and highways

Safe, Clean Water and Natural Flood Protection

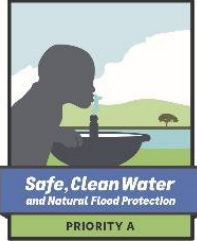


Priority F:
Support public health and public safety for our community

Safe, Clean Water and Natural Flood Protection

Proposed Adjustments





Proposed Adjustments

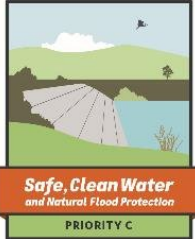
Priority A: Ensure a Safe, Reliable Water Supply

Project A1: Pacheco Reservoir Expansion

- Schedule (fund transfer)

Project A3: Pipeline Reliability

- Schedule

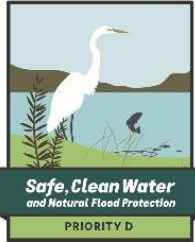


Proposed Adjustment

Priority C: Protect Our Water Supply and Dams from Earthquakes and Other Natural Disasters

Project C1: Anderson Dam Seismic Retrofit

- Schedule (fund transfer)



Proposed Adjustments

Priority D: Restore Wildlife Habitat and Provide Open Space

Project D1: Management of Riparian Planting and Invasive Plant Removal

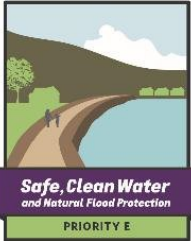
- Funding

Project D4: Fish Habitat and Passage Improvement

- Funding

Project D6: Restoration of Natural Creek Functions

- Funding



Proposed Adjustments

Priority E: Provide Flood Protection to Homes, Businesses, Schools, Streets, and Highways

Project E1: Coyote Creek Flood Protection

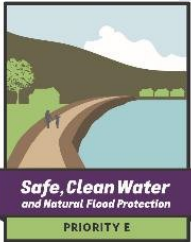
- Funding

Project E2: Sunnyvale East and Sunnyvale West Channels Flood Protection

- Schedule

Project E5: San Francisquito Creek Flood Protection

- Funding



Proposed Adjustments

Priority E: Provide Flood Protection to Homes, Businesses, Schools, Streets, and Highways (cont'd)

Project E6: Upper Llagas Creek Flood Protection

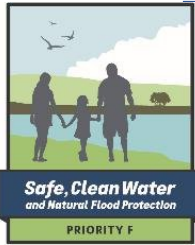
- Funding

Project E7: San Francisco Bay Shoreline Protection

- Funding

Project E8: Upper Guadalupe River Flood Protection

- Schedule



Proposed Adjustments

Priority F: Support Public Health and Public Safety for Our Community

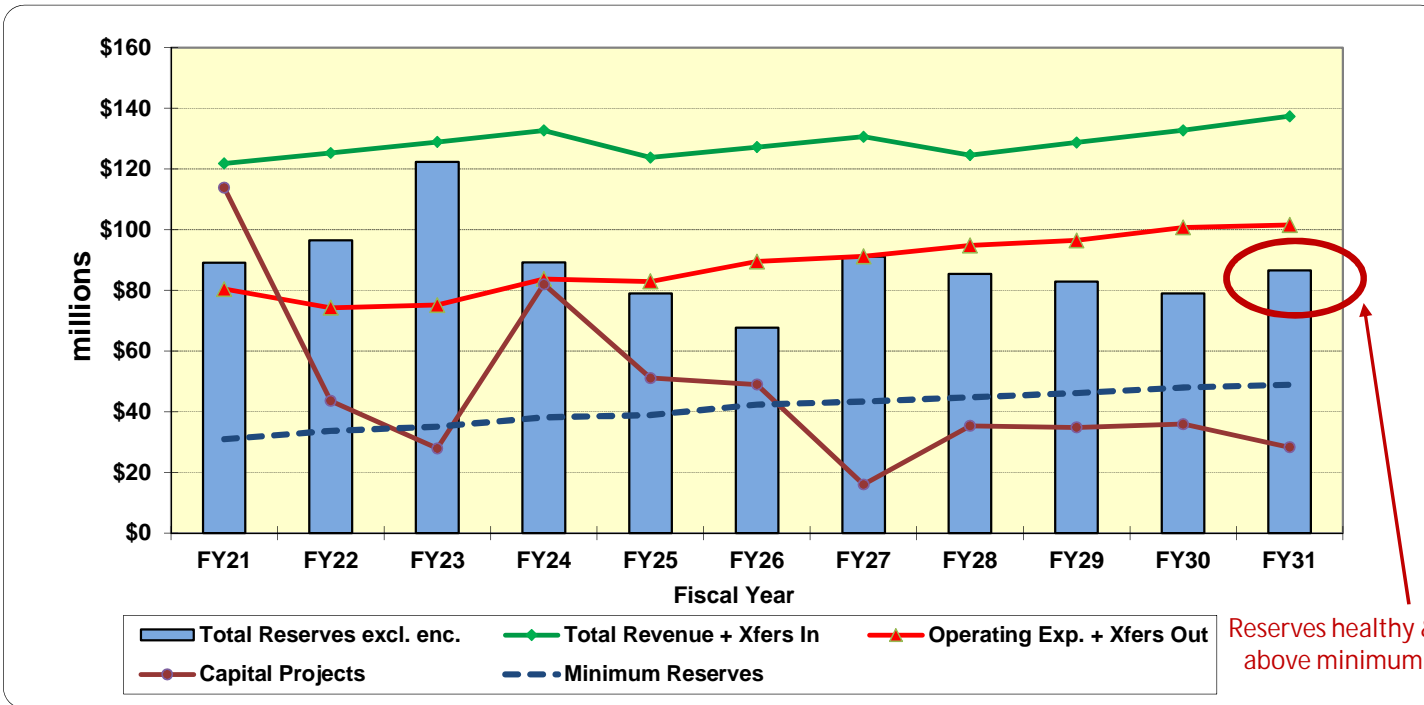
Project F1: Vegetation Control and Sediment Removal for Capacity

- Funding

Preliminary Financial
Forecast Overview for
Fund 12 and Fund 26
(January 12, 2021)

WSS Fund Update

Projection



Key Assumptions

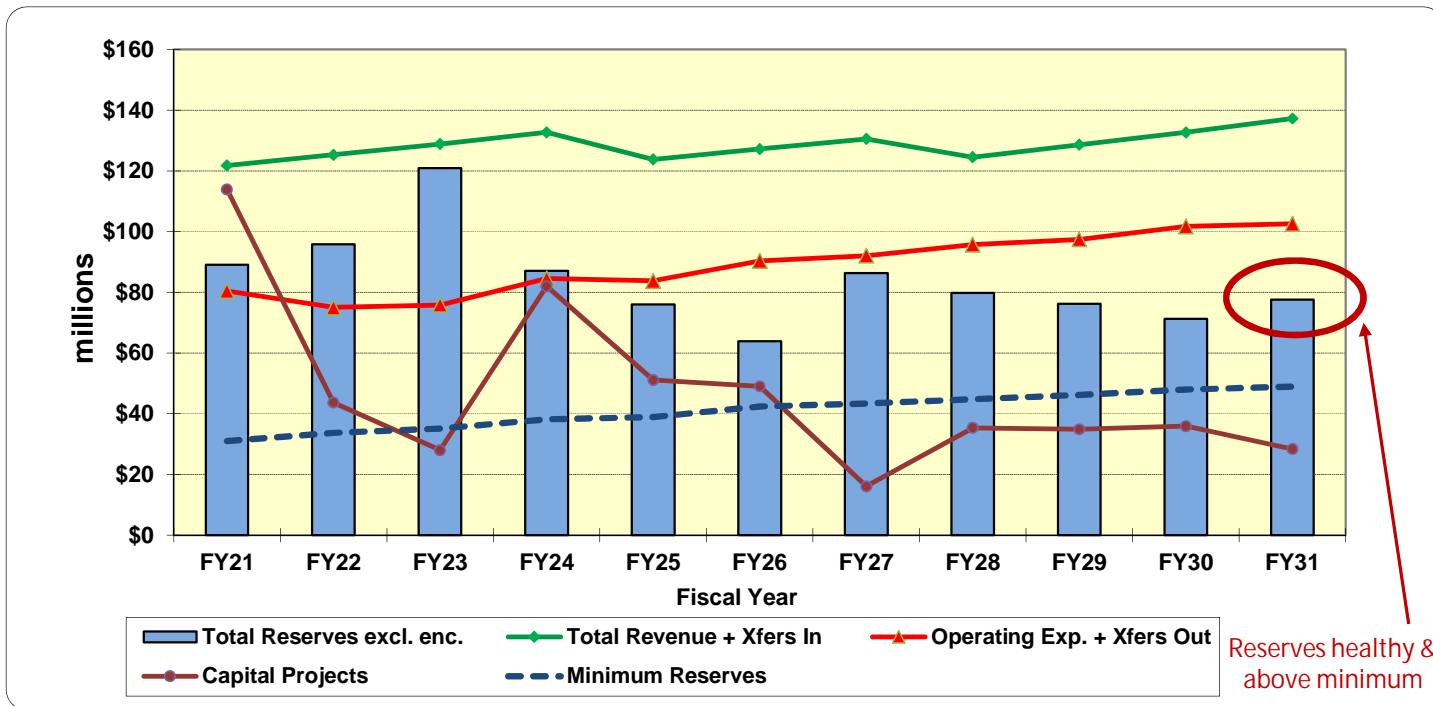
- Open Space Credit Xfer
 - \$15.0M for FY 22 to FY 31
 - Assumes Ag Charge at 25% of Zone W-8 M&I Charge (or \$85.35/AF in FY 22 versus \$28.86/AF in FY 21)
- O&M Maintenance placeholder
 - \$2M/yr FY22 to FY 25
 - \$7M/yr FY 26 to FY 31

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WSS Fund Update Continued...

Projection



Key Assumptions

- Open Space Credit Xfer
 - \$23.4M for FY 22 to FY 31
 - Assumes Ag Charge at 10% of Zone W-8 M&I Charge (or \$34.14/AF in FY 22 versus \$28.86/AF in FY 21)
- O&M Maintenance placeholder
 - \$2M/yr FY22 to FY 25
 - \$7M/yr FY 26 to FY 31

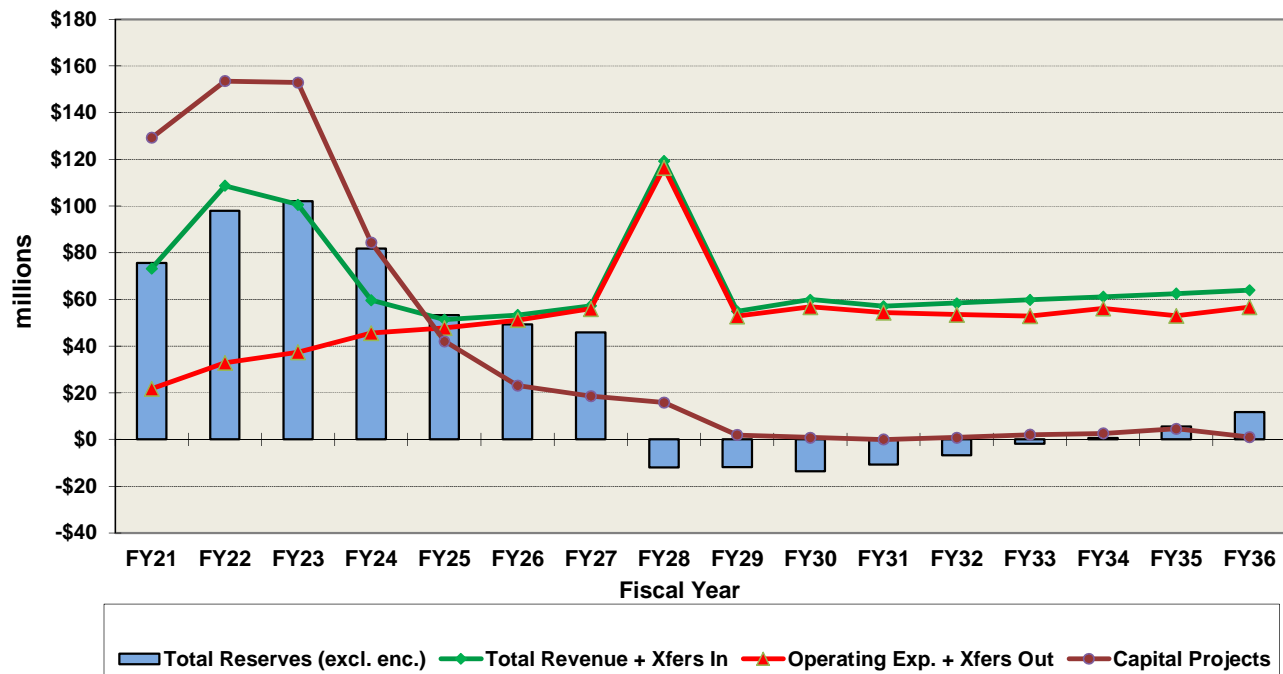
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Reserves healthy & above minimum



SCW Fund Update

Projection



January 2021 Update Key Assumptions

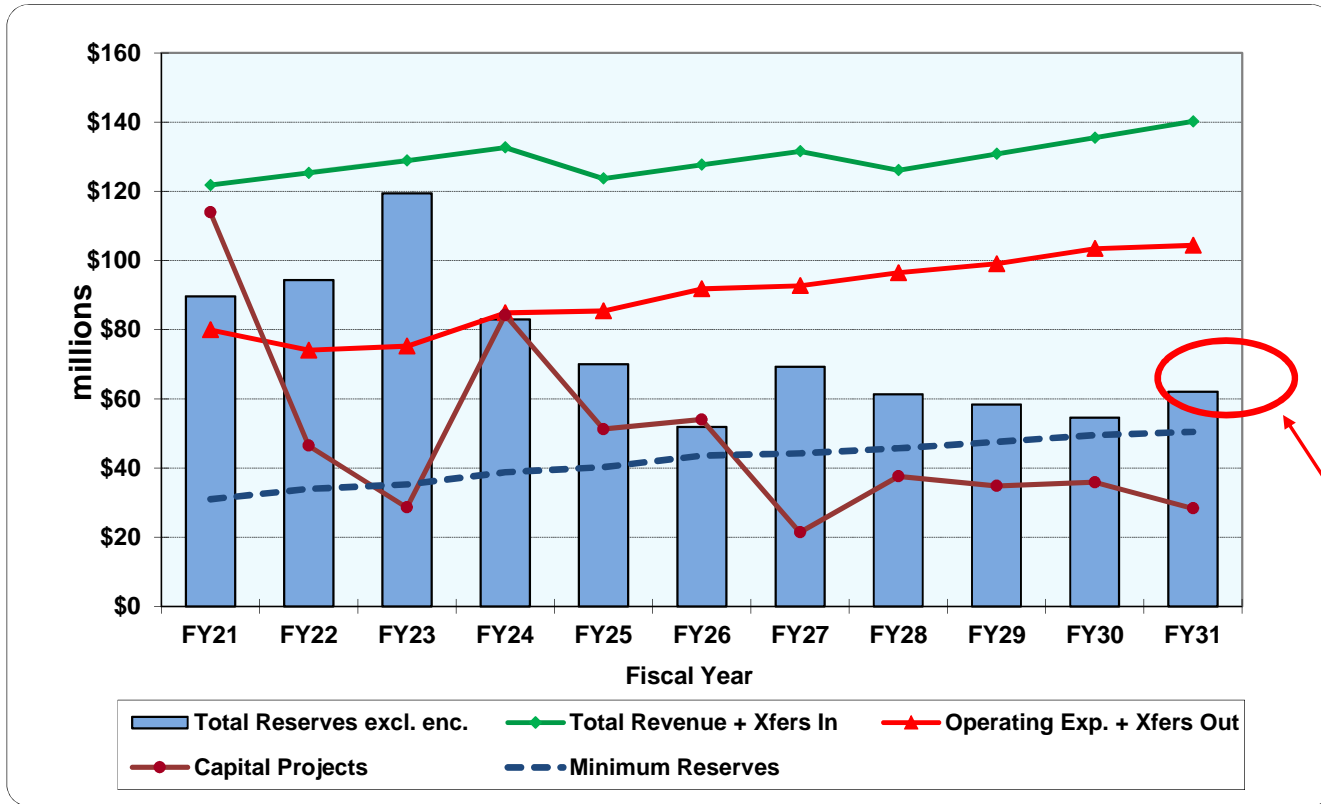
- Assumes \$80M NRCS Reimbursements for Upper Llagas Creek to fully construct Phase 2
- Assumes receipt of San Francisquito Creek outside funding sources, including \$20M from grants and partnerships through the SFCJPA; along with an \$8.9M CalTrans grant through the City of Palo Alto for Newell Road Bridge
- Total Reserves in FY 36 are roughly \$78M less than original plan due to cost increases for Upper Llagas, Almaden Lake & SF Creek

Updated Financial Forecast Overview for Fund 12 and Fund 26 (April 26, 2021)

FY22 Proposed Budget – Financial Sustainability

Watershed and Stream Stewardship Fund Projection

21



Key Assumptions Next 10 Years

- Open Space Credit
 - \$12.1M for FY 22 to FY 31
 - Assumes Ag charge set at 25% of Zone W-8 M&I charge (\$85.38/AF in FY 22 versus \$26.86/AF in FY 21)
- \$82.5M Watershed Asset Rehabilitation Program (WARP)
- O&M Maintenance placeholder
 - \$2M/yr FY 23 to FY 25
 - \$7M/yr FY 26 to FY 31

Reserves healthy & above minimum

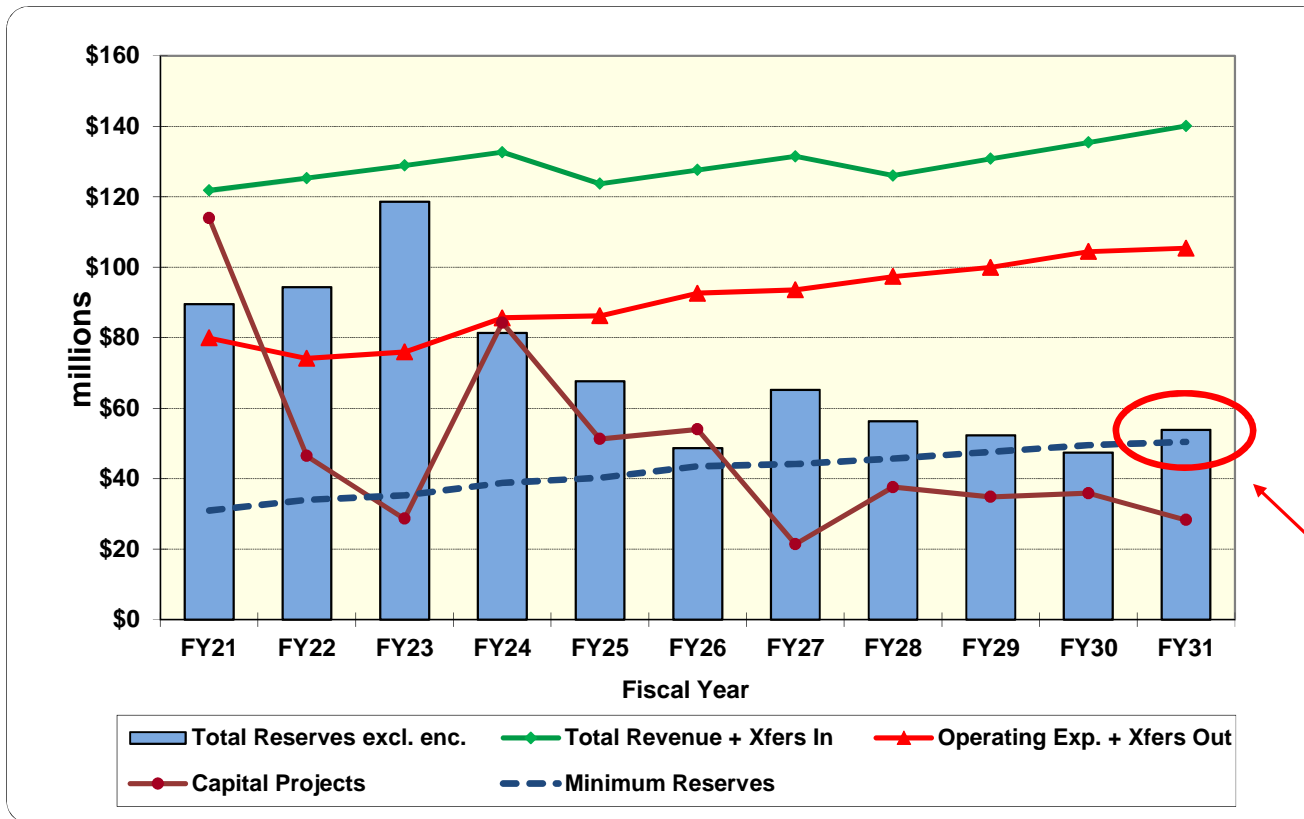
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FY22 Proposed Budget – Financial Sustainability

Watershed and Stream Stewardship Fund Projection

22



Key Assumptions Next 10 Years

- **Open Space Credit**
 - \$19.9M for FY 22 to FY 31
 - Assumes Ag charge set at 10% of Zone W-8 M&I charge (\$34.10/AF in FY 22 versus \$26.86/AF in FY 21)
- \$82.5M Watershed Asset Rehabilitation Program (WARP)
- O&M Maintenance placeholder
 - \$2M/yr FY 23 to FY 25
 - \$7M/yr FY 26 to FY 31

Reserves healthy

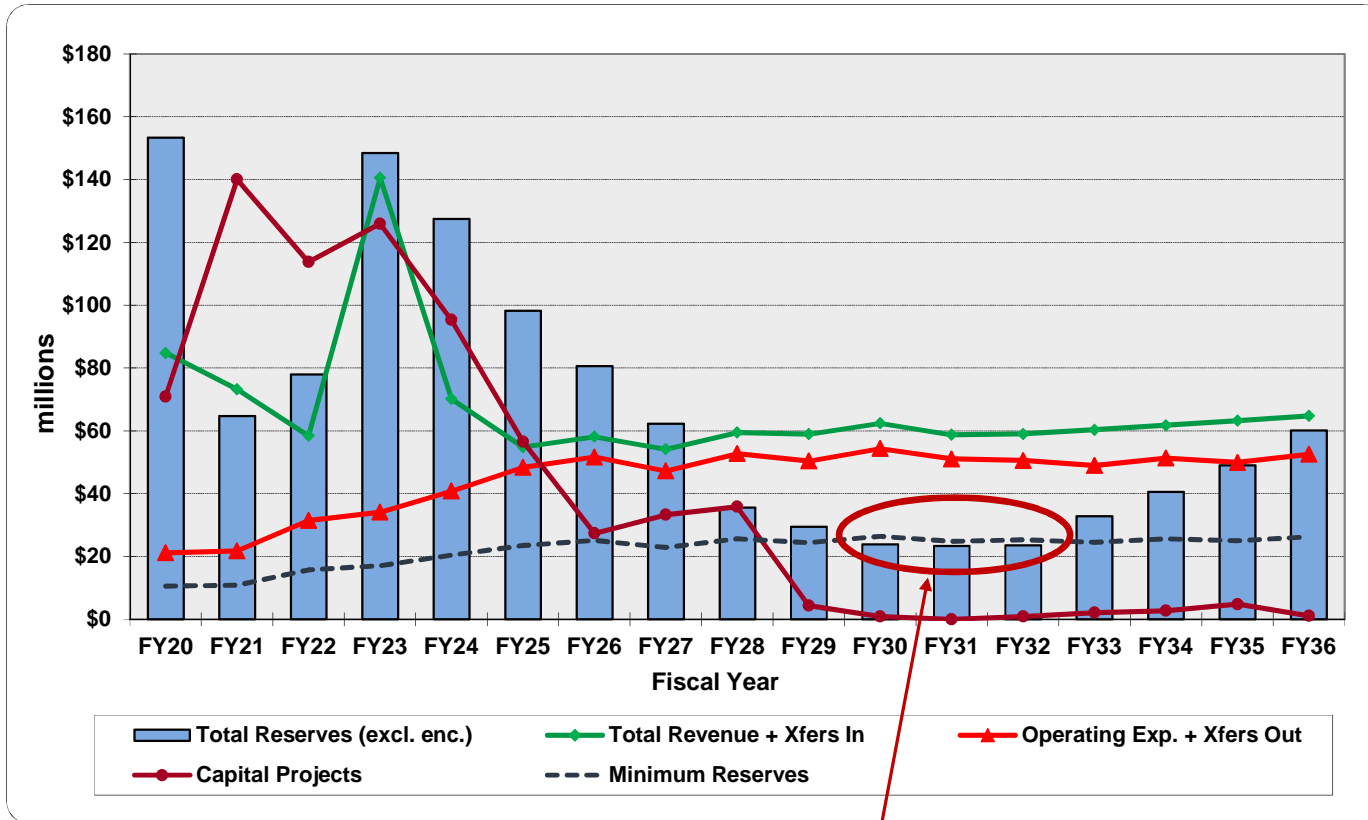
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FY22 Proposed Budget – Financial Sustainability

Safe Clean Water Fund Projection

23



Reserves slightly below minimum

Key Assumptions Next 10 years

- Includes proposed schedule and funding adjustments to Renewed SCW Program to align with project forecast and status updates and improve the health of Fund 26
- Assumes \$80M NRCS reimbursements for Upper Llagas creek to fully construct Phase 2.
- Outside funding sources for San Francisquito Creek include \$20M from grants and partnerships through the SFCJPA along with an \$8.9M CalTrans grant through the City of Palo Alto for Newell Road Bridge replacement

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Water Infrastructure Finance and Innovation Act (WIFIA) Loan Strategy

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Letter of Interest Submittal	Fund	WIFIA Prgm	Target Loan	Project
Summer 2021	SCW	EPA	\$100M	Upper Llagas Creek, Coyote Creek, San Francisquito, Sunnyvale East & West
Summer 2021	WU	EPA	\$1B	Pacheco Reservoir (on 2021 EPA waitlist)
Fall 2021	WU	USACE	\$250M	Anderson Dam
Summer 2022	WU	EPA	\$70M	PWTP Residuals Management and RWTP Reliability Improvements
Summer 2027	WU	EPA	\$30M	Almaden Valley Pipeline
Fall 2030	WU	USACE	\$60M	Calero Dam

Observations
<ul style="list-style-type: none"> • WIFIA is a federal low-cost loan program - low interest rate, based on US Treasury rate (~2%) • Loan repayment over 35 years after construction completion • Fund up to 49% of eligible project costs, but a max of 80% federal funding per project • Must complete National Environmental Policy Act (NEPA) prior to loan closing and comply with other federal requirements • WIFIA Loan projects require EPA/USACE confirmation for eligibility and are subject to annual congressional appropriation and competitive proposal evaluation process • USACE and EPA are both administering WIFIA loans (under same WIFIA authorization), with USACE's program limited to non-federally-owned dam improvement projects

\$100M WIFIA loan = ~\$1M annual debt service savings

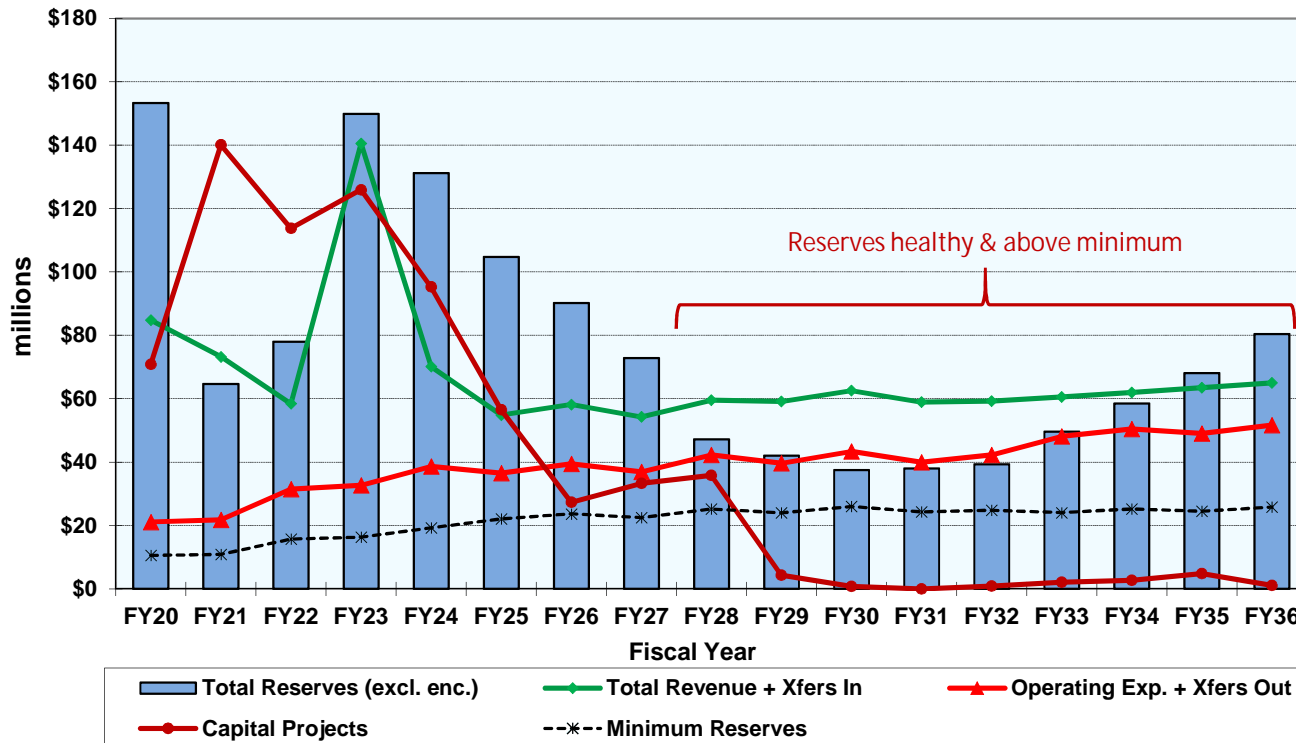
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FY22 Proposed Budget – Financial Sustainability

Safe Clean Water Fund Projection

25



Key Assumptions Next 10 years

- Includes \$100M in WIFIA funding
- Includes proposed schedule and funding adjustments to Renewed SCW Program to align with project forecast and status updates and improve the health of Fund 26
- Assumes \$80M NRCS reimbursements for Upper Llagas creek to fully construct Phase 2.
- Outside funding sources for San Francisco Creek include \$20M from grants and partnerships through the SFCJPA along with an \$8.9M CalTrans grant through the City of Palo Alto for Newell Road Bridge replacement

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QUESTIONS





Valley Water

Clean Water • Healthy Environment • Flood Protection

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Santa Clara Valley Water District

File No.: 21-0327

Agenda Date: 4/19/2021

Item No.: 4.3.

COMMITTEE AGENDA MEMORANDUM

Capital Improvement Program Committee

SUBJECT:

Review 2021 Capital Improvement Committee Work Plan.

RECOMMENDATION:

Review the 2021 Capital Improvement Program Committee Work Plan and make adjustments as necessary.

SUMMARY:

Work Plans are created and implemented by all Board Committees to increase Committee efficiency, provide increased public notice of intended Committee discussions, and enable improved follow-up by staff. Work Plans are dynamic documents managed by Committee Chairs and are subject to change. Committee Work Plans also serve to assist to prepare an Annual Committee Accomplishments Reports.

Discussion of topics as stated in the Plan have been described based on information from the following sources:

- Items referred to the Committee by the Board;
- Items requested by the Committee to be brought back by staff;
- Items scheduled for presentation to the full Board of Directors; and
- Items identified by staff.

The CIP Work Plan contained in Attachment 1 is presented for the Committee's review to determine topics for discussion in 2021.

The meeting schedule has been changed. All regular monthly meetings are now scheduled to occur at 11:00 a.m., on the third Monday of each month or at the call of the Committee Chair.

ATTACHMENTS:

Attachment 1: 2021 CIP Committee Work Plan

UNCLASSIFIED MANAGER:

Michele King, 408-630-2711

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CIP Committee 2021 Workplan

	<i>Jan</i>	<i>Feb</i>	<i>Mar</i>	<i>Apr</i>	<i>May</i>	<i>Jun</i>	<i>Jul</i>	<i>Aug</i>	<i>Sep</i>	<i>Oct</i>	<i>Nov</i>	<i>Dec</i>
Capital Project Monitoring												
Feasibility/Planning		X		X			X			X		
Design/Permitting		X			X			X			X	
Construction			X			X			X			X
Consultant Agreement Compliance Process			X									
Update on RWTP Residuals Remediation Project			X									
CIP Implementation												
Review Project Delivery Process for Capital Projects												
• O&M Costs (Design) and Readiness Assessment (Construction)			X									
Safe, Clean Water 5-Year Implementation Plan (Adjustments and Financial Overview)				X								
CIP Development												
CIP Planning Process												
• Annual CIP Process and Integrated Financial Planning Calendar Overview										X		
• Committee Review of Initially Validated Projects										X		
• Review Significant Project Plan Updates											X	
Preliminary CIP Review	X											X
Standing Items												
Upcoming Consultant Agreement Amendments	N/A	X	X	X	X	X	X	X	X	X	X	X
Workplan	N/A	X	X	X	X	X	X	X	X	X	X	X
Minutes	N/A	X	X	X	X	X	X	X	X	X	X	X

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