



Santa Clara Valley Water District Capital Improvement Program Committee Meeting

HQ. Bldg. Boardroom, 5700 Almaden Expressway, San Jose, California

REGULAR MEETING AGENDA

**Monday, December 16, 2024
11:00 AM**

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

BOARD COMMITTEE MEMBERS:

Committee Chair:
Director Nai Hsueh, District 5

Committee Vice Chair:
Director Tony Esterema, District 6

Committee Member:
Director Jim Beall, District 4

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

COMMITTEE LIAISON:
Jessica Collins

Dave Leon (COB Liaison)
Asst. Deputy Clerk II
DaveLeon@valleywater.org
1-408-630-2006

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**

**REGULAR MEETING
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11:00 AM

HQ. Bldg. Boardroom, 5700 Almaden
Expressway, San Jose, California

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

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

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

In accordance with the requirements of Gov. Code Section 54954.3(a), members of the public wishing to address the Board/Committee during public comment or on any item listed on the agenda, may do so by filling out a Speaker Card and submitting it to the Clerk or using the “Raise Hand” tool located in the Zoom meeting application to identify yourself in order to speak, at the time the item is called. Speakers will be acknowledged by the Board/Committee Chair in the order requests are received and granted speaking access to address the Board.

- Members of the Public may test their connection to Zoom Meetings at: <https://zoom.us/test>
- Members of the Public are encouraged to review our overview on joining Valley Water Board Meetings at: <https://www.youtube.com/watch?v=TojJpYCxXm0>

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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.

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<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 Board/Committee on any item not listed on the agenda may do so by filling out a Speaker Card and submitting it to the Clerk or using the "Raise Hand" tool located in the Zoom meeting application to identify yourself to speak. Speakers will be acknowledged by the Board/Committee Chair in the order requests are received and granted speaking access to address the Board/Committee. Speakers' comments should be limited to three minutes or as set by the Chair. The law does not permit Board/Committee action on, or extended discussion of, any item not on the agenda except under special circumstances. If Board/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 Board/Committee may take action on any item of business appearing on the posted agenda.

3. APPROVAL OF MINUTES:

3.1. Approval of November 1, 2024 Capital Improvement Program Committee Minutes.

[25-0009](#)

Recommendation: Approve the minutes.

Manager: Candice Kwok-Smith, 408-630-3193
Attachments: [Attachment 1: 110124 CIP Committee Draft Minutes](#)
Est. Staff Time: 5 Minutes

4. REGULAR AGENDA:

4.1. Review the Capital Project Plan Updates From the Board Adopted Capital Improvement Program Fiscal Year 2025-29 Five-Year Plan and Review and Consider Recommendations Regarding the Development of the Capital Improvement Program Preliminary Fiscal Year 2026-30 Five-Year Plan. [24-0775](#)

Recommendation: Review the Capital Project Plan Updates from the Board Adopted Capital Improvement Program Fiscal Year 2025-29 Five-Year Plan and review and consider recommendations regarding the development of the Capital Improvement Program Preliminary Fiscal Year 2026-30 Five-Year Plan and provide recommendations to staff as needed.

Manager: Luz Penilla, 408-630-2228
Attachments: [Attachment 1: Project Plan Updates from CIP Adopted FY 2025-29](#)
[Attachment 2: CIP Preliminary FY 2026-30 Five-Year Plan](#)
[Attachment 3: Capital Project Funding Categories by Fund](#)
[Attachment 4: Initially Validated and Unfunded Project Recommender](#)
[Attachment 5: Powerpoint](#)
[Attachment 6: Capital Projects with Federal Funding Sources](#)
Est. Staff Time: 20 Minutes

4.2. Receive and Discuss Information Regarding the Status of Capital Projects in the Construction Phase. [24-0658](#)

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

Manager: Emmanuel Aryee, 408-630-3074
Ryan McCarter, 408-630-2983
Bhavani Yerrapotu, 408-630-2735
Cecil Lawson, 408-630-2424

Attachments: [Attachment 1: Capital Project Monitoring Report - Construction Phase](#)

Est. Staff Time: 10 Minutes

4.3. Receive Information on Change Orders to Anderson Dam Tunnel Project Construction Contract. [24-0663](#)

Recommendation: Receive information on Change Orders to Anderson Dam Tunnel Project Construction Contract

Manager: Ryan McCarter, 408-630-2983

Attachments: [Attachment A: Government Code § 84308: Flatiron West, Inc.](#)
[Attachment 1: Construction Contract Change Orders Status](#)
[Attachment 2: Construction Contract Financial Status](#)

Est. Staff Time: 5 Minutes

4.4. Receive Information on Upcoming Consultant Agreement Amendments for Capital Projects. [24-1010](#)

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

Manager: Darin Taylor, 408-630-3068
Luz Penilla, 408-630-2228
Kirsten Struve, 408-630-3138

Attachments: [Attachment A: Government Code §84308](#)
[Attachment 1: Administratively Approved Time-Only Extension An](#)
[Attachment 2: Consultant Agreement Amendments for WIFIA Rec](#)

Est. Staff Time: 5 Minutes

4.5. Review 2024 and 2025 Capital Improvement Program Committee Work Plans and 2025 Proposed Meeting Schedule. [24-0654](#)

Recommendation:

- A. Review the 2024 Capital Improvement Program Committee Work Plan and make adjustments as necessary; and
- B. Confirm dates for the 2025 CIP Committee meetings.

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

Attachments: [Attachment 1: 2024 CIP Committee Work Plan](#)
[Attachment 2: 2025 CIP Committee Work Plan](#)
[Attachment 3: Proposed 2025 CIP Committee Meeting Dates](#)

Est. Staff Time: 5 Minutes

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.

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Santa Clara Valley Water District

File No.: 25-0009

Agenda Date: 12/16/2024

Item No.: 3.1.

COMMITTEE AGENDA MEMORANDUM Capital Improvement Program Committee

Government Code § 84308 Applies: Yes No
(If "YES" Complete Attachment A)

SUBJECT:

Approval of November 1, 2024 Capital Improvement Program Committee 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: 110124 CIP Committee Draft Minutes

UNCLASSIFIED MANAGER:

Candice Kwok-Smith, 408-630-3193

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CAPITAL IMPROVEMENT COMMITTEE MEETING

DRAFT MINUTES

REGULAR MEETING

FRIDAY, November 1, 2024
12:00 PM

(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 Committee (Committee) was called to order in the Valley Water Headquarters Building Boardroom at 5700 Almaden Expressway, San Jose, California, and by Zoom teleconference, at 12:00 p.m.

1.1 Roll Call.

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

Staff members in attendance were: Gina Adriano, Emmanuel Aryee, Hossein Ashktorab, Aaron Baker, Erin Baker, Lisa Bankosh, Henry Barrientos, Audrey Beaman, Sarah Berning, Mark Bilski, Rick L. Callender, Rita Chan, Isela Chaparro, Jen Codianne, Jessica Collins, Enrique De Anda, Jiana Escobar, Meenakshi Ganjoo, Andrew Garcia, Vince Gin, Samantha Greene, Chris Hakes, Linh Hoang, Girlie Jacobson, Bassam Kassab, Michele King, Candice Kwok-Smith, Peggy Lam, Emilia Lamas, Cecil Lawson, Sadie Lum, Jennifer Martin, Ryan McCarter, Patrice McElroy, Nicole Merritt, Carmen Narayanan, Julianne O'Brien, Carlos Orellana, Luz Penilla, Alison Phagan, Brandon Ponce, Mike Potter, Amandeep Saini, Maged Salib, Stephanie Simunic, Kirsten Struve, Charlene Sun, Darin Taylor, Odilia Teixeira, Cheryl Togami,

Gregory Williams, Bhavani Yerrapotu, Tina Yoke, and Beckie Zisser.

Public in attendance were: XXX-XXX-0088, Jan Davel, Katja Irvin, Rebecca's iPhone, Rick, SJ, and Amy Young.

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 who wished to speak.

3.APPROVAL OF MINUTES:

- 3.1. Approval of September 16, 2024 Capital Improvement Program Committee Meeting Minutes.

Recommendation: Approve the minutes.

The Committee considered the attached minutes of the September 16, 2024 Committee meeting.

Public Comments: None.

It was moved by Vice Chairperson Estremera and seconded by Director Beall, and unanimously carried that the minutes be approved.

Regular Agenda:

- 4.1. Overview of the Initially Validated and Currently Unfunded Capital Projects.

Recommendation:

- A. Review list of Initially Validated and Currently Unfunded Capital Projects; and
- B. Provide feedback as necessary.

Luz Penilla reviewed the information on this item, per the attached Committee Agenda Memo, and the corresponding presentation materials contained in Attachments 1 and 2. Luz Penilla, Emmanuel Aryee, Aaron Baker, Ryan McCarter, Cecil Lawson, Tina Yoke, and Darin Taylor were available to answer questions.

Public Comments: None.

The Committee received the information and took no formal action.

- 4.2. Receive and Discuss Information Regarding the Status of Capital Projects in the Feasibility and Planning Phase.

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

Ryan McCarter, Kirsten Struve, Luz Penilla, Emmanuel Aryee, Bhavani Yerrapotu, Lisa Bankosh, and Amandeep Saini reviewed the information on this item, per the attached Committee Agenda Memo, and the corresponding presentation materials contained in Attachment 1 were reviewed by staff per the row and Deputy's initials as follows: Ryan McCarter reviewed rows marked RM, Kirsten Struve reviewed rows marked KS, Luz Penilla reviewed rows marked LP, Emmanuel Aryee reviewed rows marked EA, Bhavani Yerrapotu reviewed rows marked BY, Lisa Bankosh reviewed rows marked JB and LB, and Amandeep Saini reviewed rows marked TN. Ryan McCarter, Kirsten Struve, Luz Penilla, Emmanuel Aryee, Bhavani Yerrapotu, Lisa Bankosh, Amandeep Saini, and Aaron Baker were available to answer questions.

Public Comments: None.

The Committee received the information, took no formal action, and requested that staff follow up relating to the last review of the District's facilities regarding the Americans with Disabilities Act.

4.3. Receive and Discuss Information Regarding the Status of Capital Projects in the Design and Permitting Phase.

Recommendation: Receive and Discuss Information Regarding the status of capital projects in the design and permitting phase.

Bhavani Yerrapotu, Emmanuel Aryee, Ryan McCarter, and Amandeep Saini reviewed the information on this item, per the attached Committee Agenda Memo, and the corresponding presentation materials contained in Attachment 1 were reviewed by staff per the row and Deputy's initials as follows: Emmanuel Aryee reviewed rows marked EA, Ryan McCarter reviewed rows marked RM, Bhavani Yerrapotu reviewed rows marked BY, and Amandeep Saini reviewed rows marked TN. Emmanuel Aryee, Ryan McCarter, Bhavani Yerrapotu, Amandeep Saini, and Erin Baker were available to answer questions.

Public Comments: None.

The Committee received the information and took no formal action.

4.4. Receive Information on Change Orders to Anderson Dam Tunnel Project Construction Contract.

Recommendation: Receive information on Change Orders to Anderson

Dam Tunnel Project Construction Contract.

Ryan McCarter reviewed the information on this item, per the attached Committee Agenda Memo, and the corresponding presentation materials contained in Attachments 1 and 2 and was available to answer questions.

Public Comments: None.

The Committee received the information and took no formal action.

4.5. Review 2024 Capital Improvement Program Committee Work Plan.

Recommendation: Review the 2024 Capital Improvement Program Committee Work Plan and make adjustments as necessary.

The Committee considered this item without a staff presentation.

Public Comments: None.

The Committee received the information and took no formal action.

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.

The Committee took no action.

6. Adjourn:

6.1. Adjourn to Regular Meeting at 11:00 a.m. on December 16, 2024.

Chairperson Hsueh adjourned the meeting at 2:00 p.m.

Dave Leon
Assistant Deputy Clerk II

Date Approved:



Santa Clara Valley Water District

File No.: 24-0775

Agenda Date: 12/16/2024

Item No.: 4.1.

COMMITTEE AGENDA MEMORANDUM Capital Improvement Program Committee

Government Code § 84308 Applies: Yes No
(If "YES" Complete Attachment A - Gov. Code § 84308)

SUBJECT:

Review the Capital Project Plan Updates From the Board Adopted Capital Improvement Program Fiscal Year 2025-29 Five-Year Plan and Review and Consider Recommendations Regarding the Development of the Capital Improvement Program Preliminary Fiscal Year 2026-30 Five-Year Plan.

RECOMMENDATION:

Review the Capital Project Plan Updates from the Board Adopted Capital Improvement Program Fiscal Year 2025-29 Five-Year Plan and review and consider recommendations regarding the development of the Capital Improvement Program Preliminary Fiscal Year 2026-30 Five-Year Plan and provide recommendations to staff as needed.

SUMMARY:

The Capital Improvement Program (CIP) Five-Year Plan is updated yearly to reflect significant changes to Santa Clara Valley Water District (Valley Water) capital projects in the planning, design, and construction phases.

The purpose of this agenda item is for the CIP Committee to review and discuss the capital project plan updates from the Board Adopted CIP Fiscal Year (FY) 2025-29 Five-Year Plan (Attachment 1) and to review and consider recommendations regarding the development of the CIP Preliminary FY 2026-30 Five-Year Plan (Attachment 2).

Based on the project plan updates presented in Attachment 1, the total CIP Five-Year Plan increased by \$121.41M. The total project cost (TPC) increases or decreases (with inflation) from the Board Adopted CIP FY 2025-29 Five-Year Plan by fund are as follows: General Fund (Fund 11) increased by \$216K; Watersheds Stream Stewardship Fund (Fund 12) increased by \$83.13M; Safe, Clean Water and Natural Flood Protection Program Fund (Fund 26) decreased by \$5.67M; Water Utility Enterprise Fund (Fund 61) increased by \$70.46M; and Information Technology Fund (Fund 73) decreased by \$26.73M. These totals are the Baseline Preliminary Five-Year Plan totals and do not reflect any recommended changes.

Included in Attachment 1 is the re-categorization of the Watershed Asset Rehabilitation Program (WARP)(62084001). As part of last year's CIP Development Cycle for the CIP FY 2025-29 Five-Year Plan staff recommended that WARP be categorized as a Small Capital Improvement Project (Small Capital), as it was originally introduced into the CIP as a Small Capital project. Upon further analysis, WARP is more similar to the proposed Pipeline Maintenance Program (PMP), which is being recommended for inclusion in the CIP as an ongoing program that will allow for the identification and planning for small-to-medium-scale pipeline rehabilitation projects. Staff is proposing a recategorization and name change for WARP to remove the "Small Capital" reference for the development of the CIP FY 2026-30 Five-Year Plan.

Capital Investments Not Included in the CIP

Valley Water contributions to water infrastructure capital investments led by external agencies are not included in the CIP Preliminary FY 2026-30 Five-Year Plan. While not included in the CIP, these investments are being evaluated through the development of the Water Supply Master Plan (WSMP) 2050 and budgeted and forecasted through operating projects. They are also included and reflected in the financial modeling that is analyzed during the development of the CIP Five-Year Plan. These investments include:

1. Sisk Dam Raise Project
2. Delta Conveyance Project

Additionally, to ensure consistency with Valley Water's various planning efforts, CIP staff continues coordinating with staff leading the development of the WSMP 2050. The WSMP 2050 assumes that capital projects included in the Five-Year Plan that repair/replace existing infrastructure are a baseline for inclusion in their planning efforts.

Initially Validated Unfunded Projects

Each year, Valley Water staff can submit new projects to be considered for inclusion in Valley Water's CIP. For each potential new project, staff develops a business case to compare capital, non-capital, and non-asset alternative solutions; evaluates the lifecycle costs of these solutions; and identifies a recommended solution that minimizes lifecycle cost while balancing service levels and risk.

Between October and November each year, these newly proposed, initially validated projects are presented to the CIP Committee and Board, along with a list of currently unfunded projects, which have been validated during prior years, for review and comment. Committee and Board feedback is considered when preparing the recommended scenarios for developing the CIP Preliminary Five-Year Plan.

During this CIP Development Cycle, the Board will consider 11 unfunded projects: four initially validated and seven previously validated/currently unfunded projects.

Capital Project Prioritization - Funding Categories

As funding constraints due to rising capital costs continue to be addressed, and in response to recent recommendations from the CIP Performance Audit, staff has developed Funding Categories to enhance the Board-approved Funding Filters for Prioritization tool.

Categories 1 and 2 focus on further prioritizing existing infrastructure projects based on their Business Risk Exposure (BRE) scores as assigned in the Asset Management Plan. Category 3 applies to existing infrastructure projects with a lower risk of failure, and new infrastructure projects.

Further details of the three Categories are as follows:

1. Category 1: ≥ 19 points

Category 1 Projects meet Valley Water's objectives to repair/replace its existing infrastructure within certain timeframes, targeting the inclusion of projects with an AMP BRE score that is ≥ 88 and have public health and safety benefits. In addition, projects that are currently in the construction phase or externally mandated (required by law, regulation, federal order, lawsuit, etc.) are automatically included in Category 1.

2. Category 2: 13-18.5 points

Category 2 Projects meet Valley Water's objectives to repair/replace its existing infrastructure within certain timeframes, targeting the inclusion of projects with an AMP BRE score that is between 76-87 and have public health and safety benefits.

3. Category 3: ≤ 12.5

Category 3 Projects have a lower risk of failure and an AMP BRE score of ≤ 75 , which includes existing infrastructure projects and new infrastructure projects, as identified/prioritized in Valley Water's Master Plans and Program Plans. In addition, small capital improvement projects and placeholder projects are automatically included in Category 3.

Valley Water's CIP Five-Year Plan includes projects that meet the criteria for all three Categories, all of which are critical to meeting Valley Water's mission. In alignment with Ends Policies (goals and objectives for accomplishing Valley Water's Mission), the Board may approve the funding of projects in any category.

Attachment 3 provides an overview of the Funding Categories for all capital projects, by Fund, with TPCs and schedules updated to reflect the project plan updates detailed in Attachment 1. The CIP Evaluation Team reviewed the Funding Categories to help inform the development of recommendations for Board consideration.

Further, each of the Initially Validated/Unfunded existing infrastructure projects has been ranked based on points received according to the funding filters and BRE scores. New infrastructure projects are automatically placed in Category 3, as referenced above.

Development of the CIP Preliminary Five-Year Plan

The CIP Evaluation Team (Chief Executive Officer (CEO), Assistant CEO, Chiefs and Deputies of the divisions initiating, delivering, implementing, and operating capital projects) meets in November of each year to consider the Committee and Board feedback received, review the financial models, and determine which, if any, initially validated or unfunded projects should be recommended for inclusion in the CIP. To ensure Valley Water's high-priority business needs are met in adherence to Board policy, the CIP Evaluation team reviews the projects based upon:

- Board Priorities
- Asset's remaining lifespan
- Available funding/staff resources
- Urgency of investment

Based upon the outcome of its review, the CIP Evaluation Team recommends whether the newly proposed capital projects should be funded in the CIP Preliminary FY 2026-30 Five-Year Plan or remain on the unfunded list. Shown below in Table 1 and included in Attachment 4 are the CIP Evaluation Team's recommendations regarding the Initially Validated and Unfunded Projects.

Table 1: CIP Evaluation Team Recommendations for FY 25 Initially Validated and Unfunded Projects

Project Name	Estimated Total Project Cost (\$ thousands w/inflation)	Phase	Potential Funding Source	FY 2024-25 Funding Category	CIP Evaluation Team Recommendations
FY 2023-24 Initially Validated Projects					
Coyote Dam Seismic Retrofit	\$406,400	Planning	Fund 61	Category 1 - Existing Infrastructure	Include in the funded CIP FY26-30 Five-Year Plan
Pipeline Maintenance Program*	\$55,375	Plan/Design/Const.	Fund 61	Category 2 - Existing Infrastructure	Include in the funded CIP FY26-30 Five-Year Plan
Almaden-Calero Canal Rehabilitation - Phase II	\$12,950	Planning	Fund 61	Category 3 - Existing Infrastructure	Move to the unfunded list
Enterprise Resource Planning (ERP) System Replacement	\$33,508	Planning	Fund 73	Category 3 - Existing Infrastructure	Include in the funded CIP FY26-30 Five-Year Plan
Current Unfunded Projects					
Llagas Creek - Lower, Capacity Restoration, Buena Vista Road to Pajaro River	\$98,831**	Planning	Fund 12	Category 1 - Existing Infrastructure	Re-validate following emergency repair work
Permanente & Hale Creek Concrete Replacement	\$20,810	Planning/Design	Fund 12	Category 1 - Existing Infrastructure	Remain on the unfunded list until FY28
Calabazas/San Tomas Aquino Creek Marsh Connection - Construction (ONLY)	\$34,562	Construction	Fund 12	Category 2 - Existing Infrastructure	Remain on the unfunded list pending available funding/resources
Pond A4 - Phase 2 (Construction ONLY)	\$32,128	Construction	Fund 12	Category 3 - NEW Infrastructure	Remain on the unfunded list pending available funding/resources
South Babb Flood Protection - Long-Term	\$22,070	Planning	Fund 12	Category 3 - Existing Infrastructure	Remain on the unfunded list pending available funding/resources
Alamitos Operable Dam Replacement	\$13,889	Planning	Funds 12/61	Category 3 - Existing Infrastructure	Remain on the unfunded list pending available funding/resources
Palo Alto Purified Water Project (PAPWP)	\$1,097,076***	Planning	Fund 61	Category 3 - NEW Infrastructure	Remain on the unfunded list pending available funding/resources

* Renewal of the 10-yr Pipeline Inspection and Rehabilitation Project (sunsets in FY28)

** Llagas Capacity has prior year actuals = \$6,947, TPC = \$105,778

*** PAPWP Fund 61 unfunded cost is \$14,633,000; Public Private Partnership (P3 contribution for PAPWP) is \$1,082,443,000

Required Modification to the Safe, Clean Water and Natural Flood Protection Program

As reported in the Safe, Clean Water and Natural Flood Protection Program (Safe, Clean Water Program) FY 2024 Annual Report, the United States Army Corps of Engineers (USACE) informed Valley Water that the South San Francisco Bay Shoreline Phase II Feasibility Study had determined that there were insufficient overall project benefits to justify a federal project for the alternative

considered. Phase II covers Economic Impact Areas (EIAs) 1-4, encompassing the shoreline areas between San Francisquito Creek in Palo Alto and Permanente Creek in Mountain View and covering Palo Alto and Mountain View communities. The study determined damages from coastal flooding are not great enough to justify the cost of a levee until sea level rise is greater in several decades.

Consequently, in the first 15-year funding cycle (FY 2022 - 2036) of the Safe, Clean Water Program, Valley Water cannot implement Project E7: San Francisco Bay Shoreline Protection (Project E7) key performance indicator (KPI) #1, which requires Valley Water provide a portion of the local share of funding for planning, design, and construction of Environmental Impact Areas 1-4.

The USACE decision not to advance the project necessitates modifying KPI #1 in accordance with the Safe, Clean Water Program's Change Control Process. Furthermore, approximately \$23M (inflated) in unspent funding must be reallocated.

Phase I of Project E7 is for Environmental Impact Area 11 (San Francisco Bay Shoreline, EIA 11 Project (00044026)) and was initially included under the 2012 Safe, Clean Water Program, which was renewed by voters in 2020. USACE began construction work on Phase 1 EIA 11, Reaches 1 through 3, in December 2021 and is estimated to continue until Summer 2025. Approximately 85% of the construction contract has been completed.

Phase 1 EIA 11, Reaches 4 and 5, are in the design phase. USACE has identified project cost updates that have nearly tripled from \$194M to \$545M, of which Valley Water is responsible for a portion of the local share.

The project partners are exploring ways to lower the cost of construction of Reaches 4-5. Additionally, USACE and the non-federal partners are looking for alternative measures that meet project objectives and reduce construction costs. Valley Water is expecting an updated cost estimate from USACE this spring.

Valley Water staff has updated the project plan for Project number 00044026 to reflect the known cost increases; however, this does not include the UPRR closure structure and bridge design and construction costs, ecotone design and construction costs, pond breaching, and monitoring and adaptive management plan potential cost increases.

Valley Water has secured approximately \$15 million from the 2012 Safe, Clean Water Program, \$61 million from the San Francisco Bay Restoration Authority's Measure AA Program, and \$14.7 million from a Coastal Conservancy grant to support the Phase 1 EIA 11 Project.

While EIA 11 is included in the Safe, Clean Water Program as part of the project description for Project E7, it is not currently included as part of Project E7's KPIs. As referenced below, to help close the funding shortfall for EIA 11, the CIP Evaluation Team is recommending bringing EIA 11, Reaches 4-5, back into Project E7, KPI #1, to utilize the approximately \$23M (inflated) in funding that must be reallocated from EIAs 1-4. To close the remaining shortfall, Valley Water plans to utilize revenue bonds that can be paid back over a 30-year time frame, thus reducing the impact on the near-term financial health of our funds.

For more information on Project E7 and the Safe, Clean Water Program, including the Program's Change Control Process, please visit

[<https://www.valleywater.org/safe-clean-water-and-natural-flood-protection-program>](https://www.valleywater.org/safe-clean-water-and-natural-flood-protection-program).

Recommended Funding Scenarios for Consideration

The CIP Evaluation Team reviewed the fund models after inputting the project plan updates (Attachment 1), which were then utilized to prepare the Baseline CIP Preliminary FY 2026-30 Five-Year Plan. Based on the impact these changes had on the health of Funds 12, 26, and 61, and taking into consideration feedback received from the CIP Committee and the Board, the Team has prepared recommendations for each fund for the January 14, 2025, Board work study review of the CIP Preliminary FY 2026-30 Five-Year Plan.

Fund 12 Recommended Scenario = Baseline, with the following modifications:

1. Include the ERP System Replacement - \$33.5M (CIP Evaluation Team recommendation)
2. Recommend a public hearing to move the San Francisco Bay Shoreline, EIA 11 Project (00044026) back into the Safe, Clean Water Program (Fund 26) to utilize approximately \$23M in unspent funds from the San Francisco Bay Shoreline, EIA's 1-4 Project (26444002) (KPI #1), which cannot be fully implemented due to the USACE decision not to pursue design and construction of EIAs 1-4
3. Reduce the Board-approved fund transfer from Fund 12 to Fund 26 from \$27.9M to \$10M to balance the fiscal health of both funds

Fund 26 Recommended Scenario = Baseline, with the following modifications:

1. Include the ERP System Replacement - \$33.5M (CIP Evaluation Team recommendation)
2. Recommend a public hearing to move the San Francisco Bay Shoreline, EIA 11 Project (00044026) back into the Safe, Clean Water Program (Fund 26) to utilize approximately \$23M in unspent funds from the San Francisco Bay Shoreline, EIA's 1-4 Project (26444002)(KPI #1), which cannot be fully implemented due to the USACE decision not to pursue design and construction of EIAs 1-4
3. Reduce the Board-approved fund transfer from Fund 12 to Fund 26 from \$27.9M to \$10M to balance the fiscal health of both funds

Fund 61 Recommended Scenario = Baseline, with the following modifications:

1. Include the ERP System Replacement - \$33.5M (CIP Evaluation Team recommendation)
2. Include the Coyote Dam Seismic Retrofit - \$406.4M (CIP Evaluation Team recommendation)
3. Include the Pipeline Maintenance Program - \$55.4M (CIP Evaluation Team recommendation)
4. Present the following scenarios for Board Consideration
 - a. Modified Baseline with:
 - i. No Pacheco Reservoir Expansion Project (PREP)
 - ii. No PREP partner funding

- iii. 15% PREP partner funding

New Pending Project Plan Updates/Project Plan Update Revisions to Funded Capital Projects

Since the Significant Project Plan Updates submittal deadline, new project plan updates have been identified. The pending changes have not been finalized and, therefore, are not incorporated into the Baseline Preliminary FY 2026-30 Five-Year Plan. The changes will be incorporated and modeled for the January 14, 2025, Board Meeting.

A list of the projects with pending changes is provided below:

- 1. Upper Penitencia Creek, Coyote Creek to Dorel Drive (E4) (26324001)
- 2. San Francisco Bay Shoreline, EIAs 5-10 (26444004)
- 3. Coyote 10B Freshwater Wetlands (40214023)

Board Member Request

In November 2024, following the Presidential election, staff received a Board member request for a list of capital projects that rely on federal funding, through loans, partnerships, or grants. Staff has compiled this information and it is included as Attachment 6. At this time, there has been no indication that the status of federal funding will be impacted under the incoming new administration; however, the fact that the CIP Five-Year Plan is updated on a rolling annual basis allows Valley Water to be highly adaptable to changing conditions. Should federal funding be impacted, staff will bring forward recommendations and scenarios for the Board's consideration to address any resulting funding shortfall. In parallel, Valley Water continues to seek grant and partnership funding to support the financial health of its funds and will continue to lobby the federal government to secure critical federal funding sources.

Next Steps

Staff will present the Preliminary Five-Year Plan and any CIP Committee recommendations to the Board for review and approval on January 14, 2025, to receive the board's feedback and direction.

Additionally, to ensure consistency with Valley Water's various planning efforts, CIP staff continues coordinating with staff leading the development of the Water Supply Master Plan 2050, Watershed Master Plans, and Watersheds and Water Utility Renewal Plans. These plans assume that capital projects included in the Five-Year Plan that repair/replace existing infrastructure are a baseline for inclusion in their planning efforts. If necessary, these plans will be updated to align with the CIP FY 2026-30 Five-Year Plan adopted by the Board.

ENVIRONMENTAL JUSTICE IMPACT:

There are no Environmental Justice impacts associated with this item.

ATTACHMENTS:

- Attachment 1: Project Plan Updates from CIP Adopted FY 2025-29 Five-Year Plan
- Attachment 2: Baseline CIP Preliminary FY 2026-30 Five-Year Plan
- Attachment 3: Capital Project Funding Categories by Fund
- Attachment 4: Initially Validated/Unfunded Project Recommendations
- Attachment 5: PowerPoint
- Attachment 6: Capital Projects with Federal Funding Sources

UNCLASSIFIED MANAGER:

Luz Penilla, 408-630-2228

**Summary of Capital Project Plan Updates from
CIP Adopted Fiscal Year 2025-29 Five-Year Plan**

Below is a detailed summary of all processed project plan updates with revised total project cost (TPC) from the CIP Adopted Fiscal Year (FY) 2025-29 Five-Year Plan by type of improvement. All project plan updates included in this attachment will be reflected in the baseline CIP Preliminary FY 2026-30 Five-Year Plan.

WATER SUPPLY – STORAGE:

1. 91864005 Anderson Dam Seismic Retrofit (C1) Project

COST ONLY - Inflated TPC decreased by \$9.05M (inflation only)

The planned expenditure changes reflect a re-allocation of funds from FY25 and FY26 to future years as a result of refinement of anticipated work expected to occur through the next fiscal year. There is no change to overall schedule milestones, only adjustments to planned expenditures to reflect the onboarding of the construction management consultant and anticipated work to occur in Year 1 of ADSRP construction. The revised inflated TPC is \$1.89B.

2. 91864006 Anderson Dam Tunnel Project

SCOPE, SCHEDULE, AND COST – Overall schedule extended by 8 months/Inflated TPC increased by \$261K (inflation only)

The project scope has been modified to include an extension of the North Channel opening. This work was initially planned to happen during the subsequent Anderson Dam Seismic Retrofit Project, however, opportunities for efficiency and environmental benefit have accelerated this work to occur now. If delayed, existing low spots in Coyote Creek could create fish stranding hazards after high creek flows or releases from Anderson Dam. There is no change to the total project cost (uninflated), however, modifications have been made to phase costs and planned expenditures based on anticipated work expected to occur through the next fiscal year. The revised inflated TPC is \$253.26M.

3. 91864007 Coyote Creek Flood Management Measure

SCHEDULE AND COST – Overall schedule remains the same/Inflated TPC decreased by \$16M

The Right(s)-of-Way Phase schedule is extended due to the final settlement for compensation amounts for a few easements currently being negotiated as part of eminent domain actions. Planned expenditures have been reduced in FY25 due to the Contractor's bid coming in lower than anticipated. Construction is now substantially complete enough to make the determination to reduce these expenses. The revised inflated TPC is \$101.45M.

4. 91864008 Coyote Creek Stream Augmentation Fish Protection Measure (Chillers)

SCHEDULE AND COST – Overall schedule extended by 9 months/Inflated TPC remains the same

The project is delayed due to a worldwide component shortage. Additionally, the delay and coordination with the furnished equipment triggered some design changes, which impacted

construction completion and, consequently, the completion of the close-out phase. The inflated TPC remains at \$23.47M.

5. 91864010 Cross Valley Pipeline Extension

SCHEULE AND COST – Overall schedule extended by 11 months/Inflated TPC increased by \$154K

The project is delayed due to extensive pipeline trench remediation work from the January 2023 storms, which caused trench backfill failure. Replacement of faulty valve actuator equipment from the manufacturer also extended project completion. As a result of the remediation work and equipment replacement, the construction completion schedule was impacted, and consequently, the completion of the close-out phase. The revised inflated TPC is \$12.06M.

6. 91874004 Calero Dam Seismic Retrofit - Design & Construction

SCOPE, SCHEDULE, AND COST – Overall schedule remains the same/Inflated TPC decreased by \$23.53M

In November 2023, the Division of Safety of Dams (DSOD) wrote to Valley Water (VW) expressing dissatisfaction with the current rehabilitation schedules for VW's dams with seismic deficiencies, including Calero Dam, Guadalupe Dam, Almaden Dam, and Coyote Dam. It required VW to submit a revised rehabilitation master schedule for these dams. The revised schedule included a new target date to commence construction at Calero or Guadalupe Dam by the summer of 2026. Following meetings with DSOD, VW responded in writing to DSOD in July 2024, acknowledging the concerns regarding the previously proposed timeline and presenting a new approach to address the identified deficiencies and ensure an earlier start of construction. This new strategy involves segmenting the construction into individual projects and prioritizing the repair of embankments and spillways to mitigate the risks that led to the reservoir restrictions. Calero Dam will be retrofitted through two distinct construction packages. Package A will focus on rehabilitating the embankment and spillway. Package B will address the construction of the new outlet works and the work at Fellows Dike. It is important to note the scope change involves the use of two separate construction packages and the related design and construction adjustments. Still, the overall objectives of the project remain unchanged. Under this approach, Package A is set to begin construction in early 2028 and be completed in summer 2031, while Package B will start in early 2033 and finish in spring 2035. The construction details of Package A (embankment and spillway) are well-defined, making the cost estimates reasonable and reliable. However, the details of Package B (outlet works and work at Fellow Dike) still need further definition (such as whether it will involve a sloping intake, a shaft intake, or another solution), as the design must now accommodate minimizing the draining of the reservoir during construction. Therefore, an estimate for the construction cost of Package B is not yet available and will not be included in the Total Project Cost (TPC) at this time. The revised inflated TPC is \$162.43M.

7. 91084020 Calero and Guadalupe Dams Seismic Retrofits - Planning

COST ONLY - Inflated TPC decreased by \$128K (inflation only)

The reallocation of funds from FY27 reflects a planned amendment to the consultant agreement for planning and environmental services, which is needed to account for more rigorous regulatory requirements in the development of CEQA documentation and natural

resource agency permitting, compared to when the project was originally scoped. In addition, the planned expenditures for FY25 and onward are only for consultant services. Planned expenditures for Valley Water labor resources will be included as part of the costs for the Calero Dam Seismic Retrofit Project (Project No. 91874004) and Guadalupe Dam Seismic Retrofit Project (Project No. 91894002) respectively. The revised inflated TPC is \$13.76M.

8. 91894002 Guadalupe Dam Seismic Retrofit - Design & Construct

SCOPE, SCHEDULE, AND COST – Overall schedule extended by 4 years/Inflated TPC increased by \$56.02M

In November 2023, the Division of Safety of Dams (DSOD) wrote to Valley Water (VW), expressing dissatisfaction with the current rehabilitation schedules for VW's dams with seismic deficiencies, including Calero Dam, Guadalupe Dam, Almaden Dam, and Coyote Dam and required VW to submit a revised rehabilitation master schedule for these dams. The revised schedule was to include a new target date to commence construction at either Calero or Guadalupe Dam by the summer of 2026. Following meetings with DSOD, VW responded in writing to DSOD in July 2024, acknowledging the concerns regarding the previously proposed timeline and presenting a new approach to address the identified deficiencies and ensure an earlier start of construction. This new strategy involves segmenting the construction into individual projects and prioritizing the repair of embankments and spillways to mitigate the risks that led to the reservoir restrictions. The Guadalupe Dam construction has been split into two distinct packages: Package A will focus on rehabilitating the embankment and spillway, and rehabilitating and strengthening the existing outlet works (riser pipe). Package B will address the construction of the new outlet works. It is important to note that the scope change involves the use of two separate construction packages and the related design and construction adjustments, but the overall objectives of the project remain unchanged. Under this approach, Package A is set to begin construction in early 2029 and be completed in early 2032, while Package B will start in summer 2032 and finish in summer 2034. The total project cost has increased due to revised costs for the design and construction phases, as well as the addition of VW labor costs for environmental support, the latter which was previously part of the Calero & Guadalupe – Planning Project (Project No. 91084020) and has since been revised. With the renewed focus on the project, the expenditures have been revised to include additional anticipated costs. The construction details of Package A (embankment, spillway, and strengthening of the existing riser pipe) are well-defined, making the cost estimates reasonable and reliable. However, the details of Package B (outlet works) still need further definition (such as whether it will involve a sloping intake, a shaft, or another solution), as the design must now accommodate minimizing the draining of the reservoir during construction. Therefore, an estimate for the construction cost of Package B is not yet available and will not be included in the Total Project Cost (TPC) at this time. The revised inflated TPC is \$140.71M.

9. 91084019 Dam Seismic Stability Evaluation

SCOPE AND COST - Inflated TPC decreased by \$1.33M

Recent consultant assessments of Dam Safety Evaluations for Coyote, Chesbro, and Uvas dams (DSE1) have confirmed that Uvas and Chesbro dams are structurally sound and

require no further investigation. As a result, the need for future investigations for these two dams has been removed from the project scope. The revised inflated TPC is \$29.96M.

10. 91954002 Pacheco Reservoir Expansion Project

SCHEDULE AND COST – Overall schedule extended by 1.5 years/Inflated TPC decreased by \$17.06M (inflation only)

The Project's Design Level Geotechnical Investigations (DLGI) were stopped in May 2023 by court order, ruling that neither the Class 4 nor Class 6 California Environmental Quality Act (CEQA) Categorical Exemptions (CE) were applicable to this work and additional CEQA review would be required. In response, a draft Initial Study/Mitigated Negative Declaration (IS/MND) was released for public review in June 2024. Considering public and agency comments received on the draft IS/MND, Valley Water has elected to prepare a DLGI Environmental Impact Report (EIR). Following the release of the PREP Project's Draft EIR (DEIR) in November 2021, several items have developed, such as additional coordination with PGE, alignment and extension of transmission lines, time needed to complete the environmental studies, reservoir modeling analysis, and preparation of the Project's RDEIR, EIR, and EIS, resulting in delays to the environmental phase and the need to recirculate the DEIR. The proposed revisions to the design and environmental phases will extend the completion of the Project Plan Schedule by 1.5 years. As a result of project evolution, the current costs for environmental and design phases have been re-evaluated, but there is no change to the total project cost. Factors contributing to the proposed changes in the phase costs mainly require less consultant resources for design, offset by additional consultant resources for environmental support. The revised inflated TPC is \$2.74B.

WATER SUPPLY – TRANSMISSION FACILITIES:

11. 95084002 10-Year Pipeline Rehabilitation (FY18-FY27)

SCHEDULE AND COST – Overall schedule extended by 1 year/Inflated TPC increased by \$12.63M

The Project schedule is extended by one year due to procurement lead times, unforeseen field conditions, and delays in submitting required documentation by the contractor. The Project Expenditures have changed due to the unprecedented flooding of Winter 2023, lead-time challenges with material and equipment during construction, fewer bidders on the market, and an increase in required staff labor. The revised inflated TPC is \$183.53M.

12. 92304001 Almaden Valley Pipeline Replacement Project

SCHEDULE AND COST – Overall schedule added new fiscal year outside the 15-year CIP forecast /Inflated TPC decreased by \$15.72M

The Project design will be completed in phases that correspond to the segments of pipeline to be replaced. Construction will start earlier than initially planned to coincide with other shutdown-related projects. The design team completed the planning phase work early by leveraging historical data from the 2007 Pipeline Maintenance Program and 10-year Inspection and Rehabilitation. This allowed them to start early and shift advertisement earlier by 2 years. The sub-projects will begin to close out in FY36, and the overall project closeout will be in FY41. This 21-year project plan was initiated in FY20 and extends to

FY41, beyond the 15-year CIP window. During each rollover period, the CIP adds the upcoming FY schedule and planned expenditures from the original project plan. This update adds FY40 into the 15-year projection window. The revised inflated TPC is \$103.56M.

13. 26764001 IRP2 Additional Line Valves (A3)

COST ONLY - Inflated TPC increased by \$8.65M

Costs are being increased to account for an updated engineer's estimate, significant coordination with water retailers to facilitate pipeline outages, increased material lead times, change in procurement strategy to award projects earlier, forecasted higher construction costs, and additional staff time. The cost increases exceed the renewed Safe, Clean Water and Natural Flood Protection Program's 15-year (FY2022-36) project allocation of \$14.5M (inflated) and will potentially be funded through Fund 61. The revised inflated TPC is \$34.09M.

14. 92144001 Pacheco/Santa Clara Conduit Right of Way Acquisition

SCHEDULE AND COST – Overall schedule extended by 1 year/Inflated TPC increased by \$94K (inflation only)

Delays to the project are due to ongoing issues in obtaining necessary environmental permits, ongoing negotiations for right-of-way offers, and construction being permitted during dry months only. The revised inflated TPC is \$6.24M.

15. 95044002 SCADA Master Plan Implementation Project (SMPIP)

SCHEDULE AND COST – Overall schedule extended by 1 year/Inflated TPC decreased by \$6K (inflation only)

Progress on the Early Implementation Projects has taken longer than planned due to additional coordination efforts between the consultant and Valley Water staff. Additionally, VW's PM took a temporary promotional opportunity into Watersheds at the beginning of the fiscal year, and project efficiency suffered for some time while recruitment for and onboarding of the current temporary replacement PM took place. The revised inflated TPC is \$6.48M.

16. 95044004 SMPIP Upgrades - Phase 1

SCHEDULE AND COST – Overall schedule extended by 1 year/Inflated TPC decreased by \$10K (inflation only)

This project was established to provide the resources needed to perform the SCADA communications and control center improvements recommended in the SCADA Master Plan Implementation Project's (95044002) early implementation project planning work. As that project has been delayed, this project's schedule needs to be adjusted accordingly. The revised inflated TPC is \$10.42M.

17. 94084007 Treated Water Isolation Valves

SCOPE, SCHEDULE, AND COST – Overall schedule extended by 1 year/Inflated TPC increased by \$4.90M

The change to the Project Scope reduces the number of valves to be constructed from three (3) valves to two (2) valves. Schedule delays are due to unavailable resources and adjustments to match the Long-Term Shutdown Schedule. Costs have increased due to a

previous vault design downstream of the Mann Turnout needing to be moved for constructability reasons and re-designed for a new location, increased procurement cost of equipment, and fewer bidders in the market. The revised inflated TPC is \$13.37M.

WATER SUPPLY – TREATMENT FACILITIES:

18. 93234044 Penitencia Water Treatment Plant Residuals Management

SCOPE, SCHEDULE, AND COST – Overall schedule extended by 3 years/Inflated TPC increased by \$53.87M

Additional scope changes have been incorporated and will be constructed: Replacing sedimentation basin telescoping valves and underflow pumps with submersible pumps, adding plate settlers in the proposed washwater clarification facility basins, increasing the size of gravity thickener tanks, adding one sludge mixing tank (for a total of two tanks), adding standby pumps for proposed major facilities and chemical systems, adding an electrical transformer and back-up generator to support the increased power demands, constructing separate buildings for electrical and chemical equipment, replacement of washwater basins and pump station, relocation of on-site solar field power interconnection to new facilities. The overall Project duration is extended due to an unexpected lengthy environmental review, additional coordinated work required to implement the changes in project scope and integration of lessons learned from the Rinconada Water Treatment Plant Residuals Remediation Project, determination of methods to integrate this project with the on-site solar field, and strategy to minimize plant outages during construction and procurement lead time for materials and equipment. Additional costs include Valley Water labor, revised engineer's estimate, and updated construction contract costs. The revised inflated TPC is \$95.36M.

19. 93084004 Water Treatment Plant Electrical Improvement

SCHEDULE and COST – Overall schedule extended by 1 year/Inflated TPC decreased by \$1.06M (inflation only)

The Project was put on hold at the end of March 2024 due to unanticipated reduced staffing resources, resulting in delays to the design, construction, and close-out phases. The revised inflated TPC is \$19.38M.

WATER SUPPLY – RECYCLED WATER FACILITIES:

20. 91294001 San Jose Purified Water Project (SJPWP) - Phase 1

SCOPE, SCHEDULE, AND COST – Overall schedule remains the same/Inflated TPC increased by \$57.49M

On February 27, 2024, the Board directed staff to place the Palo Alto Purified Water Project (PAPWP) on the CIP unfunded list due to affordability and instead add to the CIP an expedited potable reuse project with the City of San Jose to design and build a direct potable reuse (DPR) demonstration facility, which is the San Jose Purified Water Project (SJPWP) - Phase 1. The initial estimate was based on preliminary information. Adoption of the Direct Potable Reuse (DPR) regulations has also provided a clearer picture of future

regulatory requirements and facility demonstration requirements that will enable development of a full-scale purification facility.

Following the addition of the SJPWP to CIP, the project was further defined to determine size, flow and location. In addition, the Project Management Consultant (PMC) for the PAPWP transitioned from providing services for the PAPWP to the new SJPWP - Phase 1. The scope of services for the agreement has been amended to close out tasks pertaining to PAPWP, to add the scope of services for the SJPWP - Phase 1, which consists of a DPR demonstration facility and the initial planning phase of Phase 2, the full-scale DPR facility, to extend the expiration date by nineteen months, and to incorporate administrative updates. The budget for the PMC was also transferred to the SJPWP (in the CIP), and the project design, construction costs and schedule have been updated to reflect the updated project definition. Expenditures previously not included in the SJPWP have been updated to include items such as Staff funding agreements between Valley Water and the City of San Jose, as well as the City of Santa Clara, updated Staff hours to better reflect the level of effort required for work related to CEQA, construction management, inspections, regulatory compliance monitoring, surveying, project management, and updated costs for the design and construction of the demonstration facility or Phase 1. The revised inflated TPC is \$106.46M.

21. 91094001 Land Rights - South County Recycled Water Pipeline

SCHEDULE AND COST – Overall schedule extended by 1 year/Inflated TPC increased by \$152K (inflation only)

Environmental reviews, utility verification, and right-of-way agreements are delayed due to preparation of CEQA initial determination memorandum and right-of-way agreements needed to verify location of pipeline installed by developers. The revised inflated TPC is \$6.98M.

22. 91094010 South County Recycled Water Pipeline-Short-Term Implementation Phase 2

SCHEDULE AND COST – Overall schedule extended by 1 year/Inflated TPC increased by \$19K (inflation only)

The Project schedule is extended to reflect delayed planning, design, and construction of the last remaining residential development in the City of Gilroy, which also impacts the completion of recycled water pipeline conveyance with our private development partners. Residential development delays stemming from the COVID pandemic have delayed project completion. The revised inflated TPC is \$8.64M.

FLOOD PROTECTION – LOWER PENINSULA WATERSHED:

23. 26244001 Permanente Ck, Bay to Foothill Expwy - Clean, Safe Creeks Fund

SCHEDULE AND COST – Overall schedule extended by 1 year/Inflated TPC remains the same

The project schedule is extended to complete the remaining close-out tasks, including the Rancho San Antonio archeological report approval by USACE/SHPO. The inflated TPC remains at \$94.92M.

**24. 26284002 San Francisquito Creek - San Francisco Bay to Searsville Dam (E5)
SCHEDULE AND COST – Overall schedule remains the same/Inflated TPC increased by \$8.21M (inflation only)**

The project has been delayed due to design delays caused by the recalibration of the hydraulic model. It should be noted that the total renewed Safe, Clean Water Program (FY22-36) funding allocation for San Francisquito Creek is limited to \$26.033 M (inflated). The additional funding to support the project cost will be potentially funded through external funding sources. The revised inflated TPC is \$110.01M.

FLOOD PROTECTION – WEST VALLEY WATERSHED:

**25. 26074002 Sunnyvale East and West Channels
SCOPE, SCHEDULE, AND COST – Overall schedule remains the same/Inflated TPC increased by \$32.65M**

On April 9, 2024, the Valley Water Board held a formal hearing, approving changes to the SCW Program, including the decision to “Not Implement” Project A1: Pacheco Reservoir Expansion under the SCW Program. Among the reasons for not implementing the Pacheco Project was to facilitate the construction of both phases of the Sunnyvale East and West Channels project. Previously, construction of Phase 1 (West Channel) was to move forward, while the construction of Phase 2 (East Channel) was delayed due to a funding shortfall. Constructing both phases without delaying Phase 2 would allow Valley Water to complete the entire project, thus providing 1% flood protection and helping the community to be removed from the FEMA flood zone, pending a Letter of Map revision. Bundling Phase 1 and 2 construction would also result in potential cost savings, such as saving on leasing costs by utilizing the same large construction staging area for a shorter time and avoiding anticipated future construction cost escalations. As part of the Board's decision, staff developed new project estimates, reflecting the cost of constructing both phases. The project schedule has been delayed due to ongoing discussions with the various Resource Agencies to acquire the required regulatory permits. Also, the schedule update reflects the addition of Sunnyvale East (Phase 2), whereas the current project schedule only included the construction schedule for the Sunnyvale West channel. The additional costs reflect the expenditures necessary to construct both the East and West channels per Board direction. The revised inflated TPC is \$90.44M.

FLOOD PROTECTION – GUADALUPE WATERSHED:

**26. 30154019 Lower Guadalupe River Capacity Restoration Project
SCHEDULE AND COST – Overall schedule extended by 3 years/Inflated TPC increased by \$3.43M (inflation only)**

The Environmental and Design phases are currently about six months due to staffing shortages, which affected the timely procurement of the design and environmental service agreements. As a result, the start of construction has been pushed back by six months. Additionally, three years have been added to the construction phase to account for the plant establishment period. The overall total project cost remains the same. Expenditures

were reallocated into FY31 through FY34 to account for the close-out and plant establishment period. The revised inflated TPC is \$110.41M.

27. 26154003 Guadalupe Rv–Upper, SPRR-Blossom Hill (R7-12)

SCHEUDLE AND COST – Overall schedule extended by 2 years/Inflated TPC decreased by \$39.30M

The Valley Water schedule is updated to match the updated schedule of the U.S. Army Corps of Engineers (USACE). Planned expenditures increased in FY25 due to an unforeseen need - the demolition of Valley Water-owned property. However, the overall project budget was reduced at the August 13, 2024, Board meeting, when the Board approved reducing the budget and reallocating the dollars to the Safe, Clean Water Program's Operating and Capital Reserves to balance Fund 26. The Board's decision was based on the latest USACE estimates and staff analysis, which showed that most of the estimated Valley Water cost share for the project would be made through real estate acquisitions. Valley Water has already acquired 95% of the properties that will be required, and the remaining required are smaller fee title/easements. Because Valley Water has already acquired most of the USACE-identified properties, staff estimated that the reduced budget allocation would be sufficient for Valley Water to cover any remaining cost share required. The funding reallocation was required to balance Safe, Clean Water Fund 26 in the short-term and help provide sufficient funds to immediately award a construction contract and complete the final phase of the Upper Llagas Creek Project (26174055 - Llagas 2B), which has been in the works for about 70 years. If cost-share estimates change, staff will update this amount through the annual Capital Improvement Program Five-Year Plan. The revised inflated TPC is \$85.63M.

FLOOD PROTECTION – COYOTE WATERSHED:

28. 40174005 Berryessa Ck, Lower Penitencia Ck to Calaveras Blvd Phase 2

SCOPE AND COST – Inflated TPC increased by \$275K

Additional scope was added due to unforeseen tasks. The City of Milpitas requested Valley Water to replace an existing asbestos pipe waterline under the u-frame channel. The waterline was replaced in summer 2022 and in winter 2022, the waterline connections separated resulting in water leakage from the pipe. Additional staff labor was required to develop waterline repair plans, plus inspection and management of the contractor's construction activities. Contingency funds were also required to compensate the contractor for the final change order related to the waterline pipe leak that developed post installation. The revised inflated TPC is \$89.96M.

FLOOD PROTECTION - UVAS/LLAGAS WATERSHED:

29. 26174054 Llagas Creek–Upper, Design

SCHEUDLE AND COST – Overall schedule extended by 1 year/Inflated TPC decreased by \$3.31M

The Construction schedule was adjusted to match the current Phase 2B construction (under Project No. 26174055) completion schedule for the design consultant contract associated with the project number for the subject CMM (Project No. 26174054). The project Close-out is anticipated at the end of FY27. Staff analysis of the planned expenditures has resulted in a reduction of anticipated funds required to closeout this Project. The revised inflated TPC is \$23.69M.

30. 26174055 Llagas Creek–Upper, Phase 2B Construction

SCHEUDLE AND COST – Overall schedule extended by 4 years/Inflated TPC increased by \$55.92M

The Project schedule is being updated to reflect a delay due to the NRCS Grant being approved in July and a delay in completing the project plans and specifications, which caused the project to miss a construction season. The civil construction started in August 2024 (FY25) and is anticipated to be completed in March 2027. In addition, there will be a three-year plant establishment period extending to March 2030. Prior year expenditures in FY24 are related to plan and specs review. Project planned expenditures have been adjusted to reflect updated construction cost, plant establishment, and close-out. The revised inflated TPC is \$145.52M.

FLOOD PROTECTION – MULTIPLE WATERSHEDS:

31. 00044026 San Francisco Bay Shoreline

SCOPE, SCHEDULE, AND COST – Overall schedule extended by 6 years/Inflated TPC increased by \$87.40M

The USACE are the Project administrators for planning, design, and construction of the Project. Valley Water will be providing the cost share for the Project, in addition to management of the Reach 4-5 pre-construction activities. The Project includes design and construction of the Reaches 4-5 flood risk management levees based on various assumptions. The UPRR closure structure and bridge design and construction costs are not included. Also not included are ecotone design and construction cost, pond breaching, and monitoring and adaptive management plan. The Project schedule has been extended to account for: 1. USACE to complete Value Engineering efforts, gather additional field data, and conduct hydraulic analysis required, 2. Completion of environmental and right-of-way phases to support the design and future construction activities, 3. Completion of construction of Reaches 4-5 levees. The Project Cost have increased due to the inclusion of the Reach 4-5 levee construction. USACE will be providing an updated total project cost estimate for all project elements at the end of March 2025. The revised inflated TPC is \$204.72M.

32. 26444002 San Francisco Bay Shoreline - EIAs 1-4

SCOPE, SCHEDULE, AND COST – Overall schedule reduced by 7 years/Inflated TPC decreased by \$22.98M

The United States Army Corps of Engineers (USACE) is the project lead for the San Francisco Bay Shoreline Protection Project, Environmental Impact Areas 1-4 (Phase II). USACE concluded the study in April 2024, determining that the damages from coastal flooding are not great enough to justify the cost of a levee until sea level rise is greater in several decades. Consequently, USACE is closing the project due to a lack of federal interest. The Project scope, schedule and expenditures are updated to remove the Design and Construction phases due to the USACE determination. The Planning Phase will remain open in FY25 and FY26 for close-out tasks. The revised inflated TPC is \$5.76M.

33. 26444004 San Francisco Bay Shoreline, EIAs 5-9

SCHEDULE AND COST – Overall schedule extended by 5 years/Inflated TPC increased by \$641K (inflation only)

The United States Army Corps of Engineers (USACE) is leading the feasibility study, which also includes EIA 10. During the Alternatives Milestone Phase of the Project, USACE updated the projected schedule to reflect more accurate timelines and the analysis needed to create a desirable and feasible project. The USACE is leading the feasibility study. During the Alternatives Milestone Phase of the Project, USACE reallocated the projected planned expenditures by fiscal year to reflect more accurate timelines and the analysis needed to create a desirable and feasible project. The revised TPC is \$16.38M.

34. 62084001 Watersheds Asset Rehabilitation Program (WARP)

COST ONLY – Inflated TPC increased by \$3.33M. Since this project was reprogrammed as a Small Capital project in FY25, and Small Capital projects do not process Change Management Memos (CMMs), a CMM was not processed at the time the project plan was updated. This is because Small Capital project forecasts are revised each year with asset rehabilitation projects added, removed, and rescheduled based on asset condition and project need. The revised inflated TPC is \$307.735M.

As referenced above, as part of last year's CIP Development Cycle for the CIP FY 2025-29 Five-Year Plan staff recommended that WARP be categorized as a Small Capital Improvement Project, as it was originally introduced into the CIP as a Small Capital project. Upon further analysis, WARP is more similar to the proposed Pipeline Maintenance Program (PMP), which is being recommended for inclusion in the CIP as an ongoing program that will allow for the identification and planning for small-to-medium-scale pipeline rehabilitation projects. Staff is proposing a recategorization and name change for WARP to remove the "Small Capital" reference for the development of the CIP FY 2026-30 Five-Year Plan.

WATER RESOURCES STEWARDSHIP – WEST VALLEY WATERSHED:

35. 26044056 SCW Regnart Creek Rehabilitation Project (F8)

SCHEDULE AND COST – Overall schedule extended by 1 year/Inflated TPC decreased by \$81K (inflation only)

Due to the hiring freeze in 2024, the lack of staffing has extended the project schedule by one year. It should be noted that the project exceeds the renewed Safe, Clean Water and Natural Flood Protection Program's 15-year (FY2022-36) project funding allocation. The

SCW Project key performance indicator states, "Provide up to \$7.5 million in the first 15-year period to plan, design and construct projects identified through Watersheds asset management plans." Of the \$7.5M, at the end of FY24, the project had a remaining funding allocation of \$6.89M (inflated). The additional funding over and above \$6.9M to support the project cost will be potentially funded through Fund 12. The revised inflated TPC is \$8.89M.

WATER RESOURCES STEWARDSHIP – COYOTE WATERSHED:

36. 91864011 Coyote Percolation Dam Phase 2 (formally placeholder project 95C40400)

SCOPE, SCHEDULE, AND COST – Overall schedule reduced by 4 years/Inflated TPC decreased by \$12.23M

The project scope has been modified and will include 1) the construction of a roughened ramp "fish lane" extending up to the spillway of the deflated bladder dam to further improve upstream and downstream anadromous salmonid passage over a range of flow conditions, 2) a single radial gate replacement and reconfiguration of the downstream attractant pool area, and 3) retrofit of the existing pool and weir fish ladder to improve passage for Pacific lamprey. The scope no longer includes repair of the breach into Coyote 10B to restore flows to the Coyote Creek Channel nor reduction of potential predation to salmonid smolts in Coyote 10B. The current schedule has been revised to reflect work occurring during the construction and close-out phases only. The construction schedule has been condensed from five years to one year, and a close-out period of one month has been added to the schedule. Activities preceding the start of construction are reflected in the Anderson Dam Seismic Retrofit Project (Project No. 91864005). The inflated TPC remains at \$7.73M.

37. 26044003 Ogier Ponds Separation from Coyote Creek (D4.2)

SCHEDULE AND COST – Overall schedule extended by 5 years/Inflated TPC increased by \$520K

The Project schedule is delayed due to coordination with the Anderson Dam Seismic Retrofit Project (Project No. 91864005). The schedule may require a potential redesign (if project conditions change) following the estimated 39-month pause (from 2/1/26 to 4/30/2029) needed to coordinate with the ADSRP construction schedule. The cost increase is due to increased effort to complete feasible alternatives evaluation and increased support to the ADSRP for environmental documents and permitting preparation. It should be noted that the total renewed Safe, Clean Water Program (FY22-36) funding allocation for Ogier Ponds is limited to \$11.881M (inflated). The additional funding to support the project cost will be potentially funded through Fund 61. The revised inflated TPC is \$6.86M.

WATER RESOURCES STEWARDSHIP – MULTIPLE WATERSHEDS:

38. 20444002 Pond A4 Resilient Habitat Restoration

SCOPE, SCHEDULE, AND COST – Overall schedule extended by 2 years/Inflated TPC increased by \$5.74M

The permit application submittal and design completion have been delayed to incorporate an approach that maximizes the beneficial reuse of SMP sediment, aiming to reduce costs for habitat bench construction. The extended permitting and design process are intended to provide maximum flexibility, minimizing the need for imported fill while maximizing the reuse of SMP material for habitat bench construction during Phase 2. Phase 1 of the project previously included just the construction of the access road and staging area. However, there is required mitigation related to the road construction that needs to be part of Phase 1. The schedule of Phase 1 is being updated to include the time needed to complete the portion of the habitat bench that will be the required mitigation. The revised inflated TPC is \$11.43M.

39. 26044005 SCW D4.3 Fish Passage Improvements (Moffett)

SCHEDULE AND COST – Overall schedule extended by 1 year/Inflated TPC increased by \$168K

The schedule is being extended due to Valley Water's hiring freeze and reduced workforce. The project cost exceeds the total Safe, Clean Water Program funding allocation of \$7.5M, and the additional dollars may need to come from other Valley Water funds. The Project KPI requires that Valley Water "Use of \$8 million for fish improvements by June 30, 2028." Of the \$8M funding allocation, about \$500K funding allocation was for the Singleton Bridge Crossing across Coyote Creek, leaving \$7.5M for the Moffett Fish Ladder. The revised inflated TPC is \$9.47M.

40. 40214023 Coyote 10B Freshwater Wetlands

SCHEDULE AND COST – Overall schedule extended by 2 years/Inflated TPC increased by \$274K (inflation only)

The schedule is being extended due to Valley Water's hiring freeze and reduced workforce. The revised inflated TPC is \$9.18M.

BUILDINGS & GROUNDS:

41. 60204022 Security Upgrades & Enhancements

SCOPE, SCHEDULE, AND COST – Overall schedule reduced by 1 year/Inflated TPC decreased by \$2.19M (inflation only)

This Project will be delivered in three phases: Phase 1-Fencing Replacement, Phase 2-Surveillance and Access Control Replacement, Phase 3-Surveillance System Expansion. Phase 1 will upgrade and enhance the perimeter fencing and vehicular and pedestrian gate access at five Valley Water sites. The remaining scope of the Project, which includes installing an updated security system, using modern technology capable of meeting today's security threats of theft, trespass, and vandalism, will be delivered in subsequent phases, subject to Board approvals. The revised inflated TPC is \$14.70M.

42. 60204032 Headquarters Operations Building

SCHEDULE AND COST – Overall schedule reduced by 1 year/Inflated TPC decreased by \$143K (inflation only)

The project construction is ahead of schedule and has been revised (from FY29 to FY28), with the close-out phase anticipated for June 2028. No change to the total project cost

(uninflated), reallocated expenditures to match the schedule change. The revised inflated TPC is \$14.91M.

SMALL CAPITAL IMPROVEMENTS – All TYPES OF IMPROVEMENTS (No CMMs required):

1. 91214010s Small Capital Improvements, San Felipe Reaches 1-3

SMALL CAPITAL FORECAST REVISIONS: Inflated TPC decreased by \$30.61M

Small Capital project forecasts are revised each year. Asset rehabilitation projects are added, removed, and rescheduled based on asset condition and project need. In addition, project costs are updated each year based on market conditions. These revisions to both schedule and costs cause several minor changes in expected expenditures over the forecasted period. The Small Capital project cost forecasts were revised during the first pass budget cycle. The revised inflated TPC is \$49.11M

2. 92764009 Small Capital Improvements, Raw Water Transmission

SMALL CAPITAL FORECAST REVISIONS: Inflated TPC decreased by \$4.28M

Small Capital project forecasts are revised each year. Asset rehabilitation projects are added, removed, and rescheduled based on asset condition and project need. In addition, project costs are updated each year based on market conditions. These revisions to both schedule and costs cause several minor changes in expected expenditures over the forecasted period. The Small Capital project cost forecasts were revised during the first pass budget cycle. The revised inflated TPC is \$10.54M

3. 94764006 Small Capital Improvements, Treated Water Transmission

SMALL CAPITAL FORECAST REVISIONS: Inflated TPC decreased by \$573K

Small Capital project forecasts are revised each year. Asset rehabilitation projects are added, removed, and rescheduled based on asset condition and project need. In addition, project costs are updated each year based on market conditions. These revisions to both schedule and costs cause several minor changes in expected expenditures over the forecasted period. The Small Capital project cost forecasts were revised during the first pass budget cycle. The revised inflated TPC is \$701K.

4. 93764004 Small Capital Improvements, Water Treatment

SMALL CAPITAL FORECAST REVISIONS: Inflated TPC increased by \$23.23M

Small Capital project forecasts are revised each year. Asset rehabilitation projects are added, removed, and rescheduled based on asset condition and project need. In addition, project costs are updated each year based on market conditions. These revisions to both schedule and costs cause several minor changes in expected expenditures over the forecasted period. The Small Capital project cost forecasts were revised during the first pass budget cycle. The revised inflated TPC is \$83.88M.

5. 60204016 Small Capital Improvements, Facility Management

SMALL CAPITAL FORECAST REVISIONS: Inflated TPC increased by \$5.12M

Small Capital project forecasts are revised each year. Asset rehabilitation projects are added, removed, and rescheduled based on asset condition and project need. In addition, project costs are updated each year based on market conditions. These revisions to both schedule and costs cause several minor changes in expected expenditures over the forecasted period. The Small Capital project cost forecasts were revised during the first pass budget cycle. The revised inflated TPC is \$66.56M.

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CAPITAL IMPROVEMENT PROGRAM FIVE-YEAR PLAN

Water Supply Projects

Revenue Sources: Groundwater Charges

FY 2026 5-Year CIP Data

PRELIMINARY FY 2026-30 FINANCIAL OVERVIEW

Project Category	Project Number	Project Name	Actual/ Appropriated thru FY25*	Remaining Cost to Completion	FY26 Planned Expenditure	Total Project Value	Change from FY25	Project Phase (FY26)	Funded By	Zone W-2 %	Zone W-5 %	Zone W-7 %	Zone W-8 %	
			Values last updated: 12.04.24 (All values are in thousands)											
Water Supply - Storage														
B	91854001	Almaden Dam Improvements	9,473	29,022	157	38,495	(1,966)	Env/Des	W-2	100.000%				
B	91854003	Almaden Calero Canal Rehabilitation	6,023	18,239	700	24,262	(1,127)	Design	W-2	100.000%				
	91864005s	Anderson Dam Seismic Retrofit (C1)	629,493	1,668,580	122,097	2,298,073	(24,631)	Des/Const/Close	W-2/W-5/W-7	81.370%	7.850%	10.780%	0.000%	
A	91864005	Anderson Dam Seismic Retrofit (C1)	231,490	1,658,616	114,713	1,890,106	(9,049)	Env/Des	W-2/W-5/W-7	81.370%	7.850%	10.780%	0.000%	
A	91864006	Anderson Dam Tunnel	245,745	7,512	6,555	253,256	262	Des/Env/Const/Close	W-2/W-5/W-7	81.370%	7.850%	10.780%	0.000%	
A	91864007	Coyote Creek Flood Management Measures	99,004	2,442	819	101,446	(15,998)	Env/Const/Close	W-2/W-5/W-7	81.370%	7.850%	10.780%	0.000%	
A	91864008	Coyote Creek Chillers	23,462	10	10	23,472	(0)	Closeout	W-2/W-5/W-7	81.370%	7.850%	10.780%	0.000%	
A	91864009	Coyote Percolation Dam Replacement	17,737	-	-	17,737	1	Closed	W-2/W-5/W-7	81.370%	7.850%	10.780%	0.000%	
A	91864010	Cross Valley Pipeline Extension	12,056	-	-	12,056	154	Closed	W-2/W-5/W-7	81.370%	7.850%	10.780%	0.000%	
A	91084020s	Calero and Guadalupe Dams Seismic Retrofits	39,956	276,948	11,661	316,904	32,363	Plng/Env/Des	W-2	100.000%				
	91084020	Calero and Guadalupe Dams Seismic Retrofits - Planning	11,009	2,749	1,176	13,758	(128)	Plan/Env	W-2	100.000%				
	91874004	Calero Dam Seismic Retrofit - Design & Construct	17,736	144,699	6,312	162,435	(23,524)	Design	W-2	100.000%				
	91894002	Guadalupe Dam Seismic Retrofit - Design & Construct	11,211	129,500	4,173	140,711	56,015	Env/Des	W-2	100.000%				
B	91234002	Coyote Pumping Plant ASD Replacement	47,742	16,200	9,241	63,942	(972)	Des/Const	W-2	100.000%				
A	91084019	Dam Seismic Stability Evaluation	23,360	6,603	105	29,963	(1,330)	Planning	W-2/W-5/W-8	42.860%	55.940%	0.000%	1.200%	
E	91954002	Pacheco Reservoir Expansion Project	133,796	2,598,462	12,246	2,732,257	(17,056)	Env/Des	W-2/W-5/W-7	83.740%	10.010%	6.250%	0.000%	
B	91214010s	Small Capital Improvements, San Felipe Reach 1-3	4,457	44,651	3,762	49,108	(30,611)	Continuing	W-2/W-5/W-7	81.370%	7.850%	10.780%	0.000%	
	Subtotal:		894,300	4,658,705	159,969	5,553,004	(55,173)							

CAPITAL IMPROVEMENT PROGRAM FIVE-YEAR PLAN

Water Supply Projects

Revenue Sources: Groundwater Charges

FY 2026 5-Year CIP Data

PRELIMINARY FY 2026-30 FINANCIAL OVERVIEW

Project Category	Project Number	Project Name	Actual/ Appropriated thru FY25*	Remaining Cost to Completion	FY26 Planned Expenditure	Total Project Value	Change from FY25	Project Phase (FY26)	Funded By	Zone W-2 %	Zone W-5 %	Zone W-7 %	Zone W-8 %	
			Values last updated: 12.04.24 (All values are in thousands)											
Water Supply - Transmission														
B	95084002	10-Year Pipeline Rehabilitation (FY18-FY27)	154,637	28,897	25,807	183,534	12,627	Plan/Env/Des/Const/Close	W-2/W-5/W-7/W-8	95.890%	3.160%	0.890%	0.060%	
B	92304001	Almaden Valley Pipeline Replacement Project	5,458	98,106	3,135	103,564	(15,722)	Env/Des	W-2	100.000%				
B	95044001	Distribution System Master Plan Implementation	8,532	765	634	9,297	(27)	Plan/Env	W-2/W-5/W-7/W-8	84.180%	12.200%	3.420%	0.200%	
C	92C40357	FAHCE Implementation	-	145,108	-	145,108	-	Planning	W-2/W-5/W-7	93.740%	2.630%	3.630%	0.000%	
C	26764001	IRP2 Additional Line Valves (A3)	13,892	20,198	13,773	34,090	8,646	Env/Des/Const	SCW	100.000%				
E	92144001	Pacheco/Santa Clara Conduit Right of Way Acquisition	4,155	2,081	2,042	6,236	94	Env/Des/Const	W-2/W-5/W-7	81.370%	7.850%	10.780%	0.000%	
E	95044002	SCADA Master Plan Implementation	5,550	930	718	6,480	(6)	Plan/Env	W-2/W-5/W-7/W-8	84.180%	12.200%	3.420%	0.200%	
B	95044004	SMPPIP Upgrades - Phase 1	-	10,414	351	10,414	(11)	Plan/Env	W-2/W-5/W7/W-8	83.740%	10.010%	6.250%	0.000%	
B	92764009	Small Capital Improvements, Raw Water Transmission	3,205	7,337	679	10,542	(4,276)	Continuing	W-2/W-5/W7/W-8	83.690%	10.010%	6.250%	0.050%	
B	94764006	Small Capital Improvements, Treated Water Transmission	350	351	-	701	(573)	Continuing	W-2	100.000%				
B	94084007	Treated Water Isolation Valves	3,209	10,160	3,214	13,369	4,899	Des/Const	W-2	100.000%				
B	92264001	Vasona Pump Station Upgrade	5,920	29,260	1,713	35,180	(1,622)	Design	W-2	100.000%				
Subtotal:			204,908	353,607	52,066	558,515	4,030							

CAPITAL IMPROVEMENT PROGRAM FIVE-YEAR PLAN

Water Supply Projects

Revenue Sources: Groundwater Charges

FY 2026 5-Year CIP Data

PRELIMINARY FY 2026-30 FINANCIAL OVERVIEW

Project Category	Project Number	Project Name	Actual/ Appropriated thru FY25*	Remaining Cost to Completion	FY26 Planned Expenditure	Total Project Value	Change from FY25	Project Phase (FY26)	Funded By	Zone W-2 %	Zone W-5 %	Zone W-7 %	Zone W-8 %	
			Values last updated: 12.04.24 (All values are in thousands)											
Water Supply - Treatment														
B	93234044	PWTP Residuals Management	15,030	80,332	15,774	95,362	53,868	Env/Const	W-2	100.000%				
B	93294051s	RWTP Residuals Remediation	75,891	-	-	75,891	106	Closed	W-2	100.000%				
B	93294057	RWTP Reliability Improvement	366,953	353,715	120,805	720,668	(1,860)	Construction	W-2	100.000%				
B	93294059	RWTP Ammonia Storage & Metering Facility Upgrade	1,108	5,450	527	6,558	(336)	Design	W-2	100.000%				
B	93764004	Small Capital Improvements, Water Treatment	6,307	77,571	5,751	83,878	23,226	Continuing	W-2	100.000%				
B	93284013	STWTP Filter Media Replacement Project	20,598	-	-	20,598	-	Closed	W-2	100.000%				
B	93084004	Water Treatment Plant Electrical Improvement Project	2,534	16,847	2,723	19,381	(1,063)	Design	W-2	100.000%				
B	93044001	WTP Master Plan Implementation	8,978	273	273	9,251	(10)	Planning	W-2	100.000%				
		Subtotal:	497,399	534,188	145,853	1,031,586	73,931							
Water Supply - Recycled Water														
E	91294001	San Jose Purified Water Project (SJPWP) - Phase 1	13,561	92,903	17,520	106,464	57,490	Plan/Env/Des/Const	W-5	100.000%				
E	91094001	Land Rights - South County Recycled Water PL	3,437	3,540	3,540	6,977	152	Env/Des	W-5	100.000%				
E	91094007s	South County Recycled Water Pipeline	59,511	616	584	60,128	15	Construction	W-5	100.000%				
		Subtotal:	76,509	97,059	21,644	173,568	57,657							
		Water Supply Total:	1,673,115	5,643,558	379,531	7,316,673	80,446							
Validated - Future Unfunded Projects														
	91884003	Coyote Dam Seismic Retrofit	0	406,400	0	406,400								
	918540XX	Almaden Calero Canal Improvement - Phase 2	0	12,950	0	12,950								
	950840XX	Pipeline Maintenance Program (new 10-Year PL Program)	0	55,376	0	55,376								
	91304001	Palo Alto Purified Water Project (PAPWP)	49,216	14,634	0	63,850								
	913040P3	P3 Entity	0	1,082,444	0	1,082,444								
	XXXX40XX	Alamitos Operable Dam Replacement	0	9,810	0	9,810								
		Validated - Unfunded Total:	49,216	1,581,614	-	1,630,830								
Legend:														
Black	- Black Text: Continuing projects or projects carried forward from the FY25 CIP													
Gray	- Gray Text: Individual projects considered part of a group or family of projects													
Orange	- Orange Text: Projects to be completed or cancelled in FY 2025													
Green	- Green Text: Projects in the Construction phase													
Blue	- Blue Text: New projects proposed for the FY 26 CIP													
*	- Column A: Actuals spent through prior year + planned expenditures in current year													
(s)	- "s" suffix on project number signifies a group of projects on one project page													
Project Driver:														
	A. Regulatory requirements													
	B. Repair or replacement of aging infrastructure													
	C. District commitment (SCW, FAHCE)													
	D. Water Utility Master Plan "No Regrets"													
	E. Board Policy													

CAPITAL IMPROVEMENT PROGRAM FIVE-YEAR PLAN

Flood Protection Projects

Revenue Sources: COP Proceeds, CSC Special Tax, Property Tax, Subventions

FY 2026 5-Year CIP Data

PRELIMINARY FY 2026-30 FINANCIAL OVERVIEW

Project Category	Project Number	Project Name	Actual/ Appropriated thru FY25*	Remaining Cost to Completion	FY26 Planned Expenditure	Total Project Value	Change from FY25	Project Phase (FY26)	Funded By
			A	B	A + B	Values last updated: 12.04.24 (All values are in thousands)			
Lower Peninsula Watershed									
B	10394001	Palo Alto Flood Basin Tide Gate Structure Replacement	8,186	3,096	3,047	11,282	(193)	Const/Close	PT
C	10244001s	Permanente Creek, SF Bay to Foothill Expressway	115,266	-	-	115,266	(0)	Closed	PT/CSC
C	10284007s	San Francisquito Creek, SF Bay thru Searsville Dam (E5)	66,580	55,522	205	122,102	8,210	Des/Const/Close	PT/CSC/SCW
		Subtotal:	190,032	58,618	3,252	248,650	8,017		
West Valley Watershed									
C	26074002	Sunnyvale East and West Channels (E2)	33,845	56,591	11,388	90,436	32,650	Construction	CSC
		Subtotal:	33,845	56,591	11,388	90,436	32,650		
Guadalupe Watershed									
B	30154019	Lower Guadalupe River Capacity Restoration Project	10,076	100,331	3,135	110,407	3,428	Env/Des	PT
C	26154001s	Guadalupe River-Upper, I-280 to Blossom Hill Road (E8)	115,270	18,877	10,919	134,147	(39,429)	Env/Des/Const	CSC/SCW
		Subtotal:	125,346	119,208	14,054	244,554	(36,001)		

CAPITAL IMPROVEMENT PROGRAM FIVE-YEAR PLAN

Flood Protection Projects

Revenue Sources: COP Proceeds, CSC Special Tax, Property Tax, Subventions

FY 2026 5-Year CIP Data

PRELIMINARY FY 2026-30 FINANCIAL OVERVIEW

Project Category	Project Number	Project Name	Actual/ Appropriated thru FY25*	Remaining Cost to Completion	FY26 Planned Expenditure	Total Project Value	Change from FY25	Project Phase (FY26)	Funded By
			A	B	A + B	Values last updated: 12.04.24 (All values are in thousands)			
Coyote Watershed									
E	26174041s	Berryessa Creek, Calaveras Boulevard to Interstate 680	54,415	-	-	54,415	0	Closed	CSC
E	40174004s	Berryessa Ck, Lower Penitencia Ck to Calaveras Blvd	136,792	77,297	73	214,089	19,974	Const/Close	PT
C	26174043	Coyote Creek, Montague Expressway to Tully Road (E1)	45,399	154,780	84,727	200,179	(20,952)	Construction	CSC
E	40334005	Lower Penitencia Ck Improvements, Coyote Ck to Berryessa Ck	35,361	155	134	35,516	(6)	Construction	PT
C	40324003s	Upper Penitencia Creek, Coyote Creek to Dorel Drive	20,634	3,134	1,568	23,768	(103)	Env/Des	PT/SCW
		Subtotal:	292,601	235,365	86,502	527,966	(1,088)		
Uvas/Llagas Watershed									
C	26174051s	Llagas Creek–Upper, Buena Vista Avenue to Llagas Road (E6)	302,941	90,838	45,791	393,779	52,587	Const/Close	CSC/SCW
		Subtotal:	302,941	90,838	45,791	393,779	45,640		
Multiple Watershed									
C	00044026s	San Francisco Bay Shoreline (E7)	129,003	116,220	6,431	245,223	65,056	Env/Des/Const	PT
	00044026	San Francisco Bay Shoreline	101,359	103,358	4,770	204,717	87,393	Env/Des/Const	PT
26444001	San Francisco Bay Shoreline - EIA 11 Design & Partial Construction (E7)		17,516	-	-	17,516	-	Closed	PT
26444002	San Francisco Bay Shoreline - EIAs 1-4		5,710	52	52	5,762	(22,978)	Planning	PT
26444004	San Francisco Bay Shoreline - EIAs 5-9		3,569	12,810	1,609	16,379	641	Planning	PT
B	62084001	Watersheds Asset Rehabilitation Program (WARP)	82,008	225,727	16,560	307,735	3,330	Plng/Env/Des/Const/Close	PT
		Subtotal:	211,011	341,947	22,991	552,958	68,386		
Flood Protection Total:			1,155,775	902,567	183,977	2,058,342	117,604		

CAPITAL IMPROVEMENT PROGRAM FIVE-YEAR PLAN

Flood Protection Projects

Revenue Sources: COP Proceeds, CSC Special Tax, Property Tax, Subventions

FY 2026 5-Year CIP Data

PRELIMINARY FY 2026-30 FINANCIAL OVERVIEW

Project Category	Project Number	Project Name	Actual/ Appropriated	FY26	Total	Change from FY25	Project Phase (FY26)	Funded By
			thru FY25*	Remaining Cost to Completion	Planned Expenditure			
Values last updated: 12.04.24 (All values are in thousands)								

Validated - Future Unfunded Projects

401340XX	South Babb Flood Protection - Long Term	-	22,070	-	22,070			
50284010	Llagas Creek-Lower, Capacity Restoration, Buena Vista Road to Pajaro River	5,148	-	-	-			
XXXX40XX	Permanente & Hale Creeks Concrete Replacement	-	-	-	-			
Validated - Unfunded Total:		5,148	22,070	0	22,070			

Legend:

Black - Black Text: Continuing projects or projects carried forward from the FY25 CIP

Gray - Gray Text: Individual projects considered part of a group or family of projects

Orange - Orange Text: *Projects to be completed or cancelled in FY 2025*

Green - Green Text: *Projects in the Construction phase*

Blue - Blue Text: *New projects proposed for the FY 26 CIP*

* - Column A: Actuals spent through prior year + planned expenditures in current year

(s) - "s" suffix on project number signifies a group of projects on one project page

Project Driver:

A. Regulatory requirements

B. Repair or replacement of aging infrastructure

C. District commitment (SCW, FAHCE)

D. Water Utility Master Plan "No Regrets"

E. Board Policy

of FP Projects

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14

Funded by Legend:

W-2 - North Zone; revenue is allocated based on % of benefit to the zone

W-5 - South Zone; revenue is allocated based on % of benefit to the zone

W-7 - South Zone; revenue is allocated based on % of benefit to the zone

W-8 - South Zone; revenue is allocated based on % of benefit to the zone

CSC - funded by revenue from Clean Safe Creeks program

SCW - funded by revenue from Safe Clean Water program

PT - funded by revenue from Property Tax

Subvent - funded by State Subventions

CAPITAL IMPROVEMENT PROGRAM FIVE-YEAR PLAN

Water Resources Stewardship Projects

Revenue Sources: Groundwater Charges,
Property Tax, Subventions

PRELIMINARY FY 2026-30 FINANCIAL OVERVIEW

FY 2026 5-Year CIP Data

Project Category	Project Number	Project Name	A	B	A + B		Funded By	Zone W-2 %	Zone W-5 %
			Actual/ Appropriated thru FY25*	Remaining Cost to Completion	FY26 Planned Expenditure	Total Project Value			
Values last updated: 12.04.24 (All values are in thousands)									

Mitigation (All Mitigation projects are required per CEQA or other Regulation and therefore do not receive a score)

None

Subtotal:

-

Environmental Enhancement & Stewardship

Lower Peninsula Watershed

C	00294001s	Stevens Creek Fish Passage Enhancement	850	17,666	-	18,516	(1,005)	FY27	W-2 (90%)/PT(10%)	100%
C	26164001	Hale Creek Enhancement Pilot Project (D6.1)	12,280	115	115	12,395	(5)	Const/Close	CSC/SCW	

West Valley Watershed

C	26044056	SCW Regnart Creek Rehabilitation Project (F8)	-	8,886	727	8,886	(81)	Env/Des	SCW
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Coyote Watershed

C	91864011	Coyote Percolation Dam - Phase 2	-	7,729	4,391	7,729	(12,230)	Construction	PT
C	26044003	Ogier Ponds Separation from Coyote Creek (D4.2)	4,362	2,494	472	6,856	521	Design	SCW
C	95C40401	Ogier Ponds Construction (e.g. Ogier Ponds)	-	26,308	-	26,308	(29,619)	FY31	TBD
C	26C44006	Ogier Ponds Construction	-	6,979	-	6,979	(439)	FY31	SCW

Uvas/Llagas Watershed

C	26044004	Bolsa Road Fish Passage Improvement (D6.2)	9,062	108	27	9,170	(4)	Const/Close	SCW
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Multiple Watersheds (Lower Peninsula, Guadalupe, Coyote, Uvas/Llagas)

C	20444001s	Calabazas/San Tomas Aquino Creek-Marsh Connection	12,390	3,288	1,653	15,678	(107)	Env/Des	PT/SCW
C	20444002	Pond A4 Resilient Habitat Restoration Project	2,063	9,367	3,463	11,430	5,738	Planning	PT/SCW

C	26044002	SCW Fish Passage Improvements (D4.3)	5,406	-	-	5,406	29	Closed	SCW
C	26044005	SCW D4.3 Fish Passage Improvements (Moffett)	643	8,827	1,349	9,470	168	Design	SCW

C	40214023	Coyote 10B Freshwater Wetlands	396	8,780	608	9,176	274	Planning	PT
		Subtotal:	47,452	100,546	12,804	147,997	(47,016)		

Feasibility Studies

None

Subtotal:

-

Water Resources Stewardship Total: 47,452 100,546 12,804 147,997 (47,016)

CAPITAL IMPROVEMENT PROGRAM FIVE-YEAR PLAN

Water Resources Stewardship Projects

Revenue Sources: Groundwater Charges,
Property Tax, Subventions

PRELIMINARY FY 2026-30 FINANCIAL OVERVIEW

FY 2026 5-Year CIP Data

Project Category	Project Number	Project Name	A	B	A + B		Project Phase (FY26)	Funded By	Zone W-2	Zone W-5
			Actual/ Appropriated thru FY25*	Remaining Cost to Completion	FY26 Planned Expenditure	Total Project Value			%	%

Values last updated: 12.04.24 (All values are in thousands)

Validated - Future Unfunded Projects

2044400X	Pond A4 - (Construction Only)	-	32,128	-	32,128
204440XX	Calabazas/San Tomas Aquino Creek-Marsh Connection - Construction OI	-	34,562	-	34,562
	Validated - Unfunded Total:	-	32,128	-	32,128

NOTES:

- 1) Implementation of the Mitigation projects is considered non-discretionary since they are needed to meet California Environmental Quality Act (CEQA) or regulatory commitments. Therefore, a priority score is not required.
- 2) Environmental Enhancement projects are implemented at the discretion of the Board. Projects may go through a ranking process to compete for CSC funds or the board may direct that other available revenue be used to implement the proposed projects.

Legend:

- Black - Black Text: Continuing projects or projects carried forward from the FY25 CIP
- Orange - Orange Text: *Projects to be completed or cancelled in FY 2025*
- Green - Green Text: *Projects in the Construction phase*
- Blue - Blue Text: *New projects proposed for the FY 26 CIP*
- * - Column A: Actuals spent through prior year + planned expenditures in current year
- (s) - "s" suffix on project number signifies a group of projects on one project page

Project Driver:

- A. Regulatory requirements
- B. Repair or replacement of aging infrastructure
- C. District commitment (SCW, FAHCE) 13
- D. Water Utility Master Plan "No Regrets"
- E. Board Policy

of WRS Projects

13

Funded by Legend:

- W-2 - North Zone; revenue is allocated based on % of benefit to the zone
- W-5 - South Zone; revenue is allocated based on % of benefit to the zone
- W-7 - South Zone; revenue is allocated based on % of benefit to the zone
- W-8 - South Zone; revenue is allocated based on % of benefit to the zone
- CSC - funded by revenue from Clean Safe Creeks program
- SCW - funded by revenue from Safe Clean Water program
- PT - funded by revenue from Property Tax
- Subvent - funded by State Subventions

CAPITAL IMPROVEMENT PROGRAM FIVE-YEAR PLAN

Buildings and Grounds Projects

Revenue Source: Groundwater Charges,
Property Tax

PRELIMINARY FY 2026-30 FINANCIAL OVERVIEW

FY 2026 5-Year CIP Data

Project Category	Number	Project Name	A	B	A + B		Project Phase (FY26)	Funded By	WUE %	WSS %	SCW %	
			Actual/ Appropriated thru FY25*	Remaining Cost to Completion	FY26 Planned Expenditure	Total Project Value						
Values last updated: 12.04.24 (All values are in thousands)												
B	60204016	Small Capital Improvements, Facility Management	6,555	60,006	4,006	66,561	2,549	Continuing	PT/W-2/W-5	60%	40%	0%
E	60204032	Headquarters Operations Building	5,586	9,328	6,160	14,914	(143)	Construction	PT/W-2/W-5	60%	30%	10%
B	60204022	Security Upgrades and Enhancements	5,215	9,482	5,237	14,697	(2,190)	Des/Const	PT/W-2/W-5	60%	30%	10%
Buildings & Grounds Total:			<u>17,356</u>	<u>78,816</u>	<u>15,403</u>	<u>96,172</u>	<u>216</u>					

Validated - Future Unfunded Projects

None

Validated - Unfunded Total:

Legend:

Black - Black Text: Continuing projects or projects carried forward from the FY25 CIP

Orange - Orange Text: *Projects to be completed or cancelled in FY 2025*

Green - Green Text: Projects in the Construction phase

Blue - Blue Text: New projects proposed for the FY 26 CIP

* - Column A: Actuals spent through prior year + planned expenditures in current year

(s) - "s" suffix on project number signifies a group of projects on one project page

Project Driver:

A. Regulatory requirements

of B&G Projects

0

B. Repair or replacement of aging infrastructure

2

C. District commitment (SCW, FAHCE)

0

D. Water Utility Master Plan "No Regrets"

0

E. Board Policy

1

3

Funded by Legend:

W-2 - North Zone; revenue is allocated based on % of benefit to the zone

W-5 - South Zone; revenue is allocated based on % of benefit to the zone

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W-8 - South Zone; revenue is allocated based on % of benefit to the zone

WUE - funded by revenue from Water Utility Enterprise Fund

WSS - funded by revenue from Watershed and Stream Stewardship Fund

CSC - funded by revenue from Clean Safe Creeks program

SCW - funded by revenue from Safe Clean Water program

PT - funded by revenue from Property Tax

Subvent - funded by State Subventions

CAPITAL IMPROVEMENT PROGRAM FIVE-YEAR PLAN

Information Technology Projects

Revenue Source: Groundwater Charges,
Property Tax

PRELIMINARY FY 2026-30 FINANCIAL OVERVIEW

FY 2026 5-Year CIP Data

Project Category	Project Number	Project Name	A	B	FY26	Total	Change from FY25	Project Phase (FY26)	Funded By	WUE %	WSS %	SCW %
			Actual/ Appropriated thru FY25*	Remaining Cost to Completion	Planned Expenditure	Project Value						
Values last updated: 12.04.24 (All values are in thousands)												
E	73274009	Data Consolidation	1,285	-	-	1,285	-	Closed	PT/W-2/W-5	65%	35%	0%
B	73274008	Small Capital Improvements, Software Upgrades & Enhancements	642	13,716	609	14,358	(6,516)	Construction	PT/W-2/W-5	65%	35%	0%
B	95274003	Small Capital Improvements, WU Computer Network Modernization	2,028	20,729	2,365	22,757	(1,159)	Construction	PT/W-2/W-5	100%	0%	0%
Information Technology Total:			3,955	34,445	2,974	38,400	(27,764)					

Validated - Future Unfunded Projects

732740XX ERP Replacement	-	26,320	-	26,320
Validated - Unfunded Total:	-	26,320	-	26,320

Legend:

Black - Black Text: Continuing projects or projects carried forward from the FY25 CIP

Orange - Orange Text: Projects to be completed or cancelled in FY 2025

Green - Green Text: Projects in the Construction phase

Blue - Blue Text: New projects proposed for the FY 26 CIP

* - Column A: Actuals spent through prior year + planned expenditures in current year

(s) "- "s" suffix on project number signifies a group of projects on one project page

Project Driver:

- A. Regulatory requirements
- B. Repair or replacement of aging infrastructure
- C. District commitment (SCW, FAHCE)
- D. Water Utility Master Plan "No Regrets"

of IT Projects

- 0
- 2
- 0
- 0
- 1

3

CAPITAL IMPROVEMENT PROGRAM FIVE-YEAR PLAN

Information Technology Projects

Revenue Source: Groundwater Charges,
Property Tax

PRELIMINARY FY 2026-30 FINANCIAL OVERVIEW

FY 2026 5-Year CIP Data

Project Category	Project Number	Project Name	A	B	A + B	Change from FY25	Project Phase (FY26)	Funded By	WUE %	WSS %	SCW %
			Actual/ Appropriated thru FY25*	Remaining Cost to Completion	FY26 Planned Expenditure						
Values last updated: 12.04.24 (All values are in thousands)											

Funded by Legend:

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- W-7 - South Zone; revenue is allocated based on % of benefit to the zone
- W-8 - South Zone; revenue is allocated based on % of benefit to the zone
- WUE - funded by revenue from Water Utility Enterprise Fund
- WSS - funded by revenue from Watershed and Stream Stewardship Fund
- CSC - funded by revenue from Clean Safe Creeks program
- SCW - funded by revenue from Safe Clean Water program
- PT - funded by revenue from Property Tax
- Subvent - funded by State Subventions

CIP GRAND TOTAL: 2,897,653 6,759,932 594,689 9,657,585 123,485

A B C D E

PROJECT DRIVER TOTALS: 8 27 23 - 11

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Fund 11: Category 3 Projects

(TPC \$ and Schedule) based upon Final FY 2025-29 Five-Year Plan

Planning

Design

Construction

Closeout

- Existing infrastructure with BRE ≤ 75
- NEW Infrastructure
- Placeholder/Small Caps

Type of Improvement

Fiscal Year

2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 | 2034 | 2035 | 2036 | 2037 | 2038 | 2039

Buildings & Grounds

\$16.9M  Security Upgrades & Enhancements

\$15.1M  Headquarters Operations Building

Small Capital Improvement Project

\$64M  Facility Mgmt, Small Capital Improvements

Fund 12: Category 1 Projects

(TPC \$ and Schedule) based upon Final FY 2025-29 Five-Year Plan

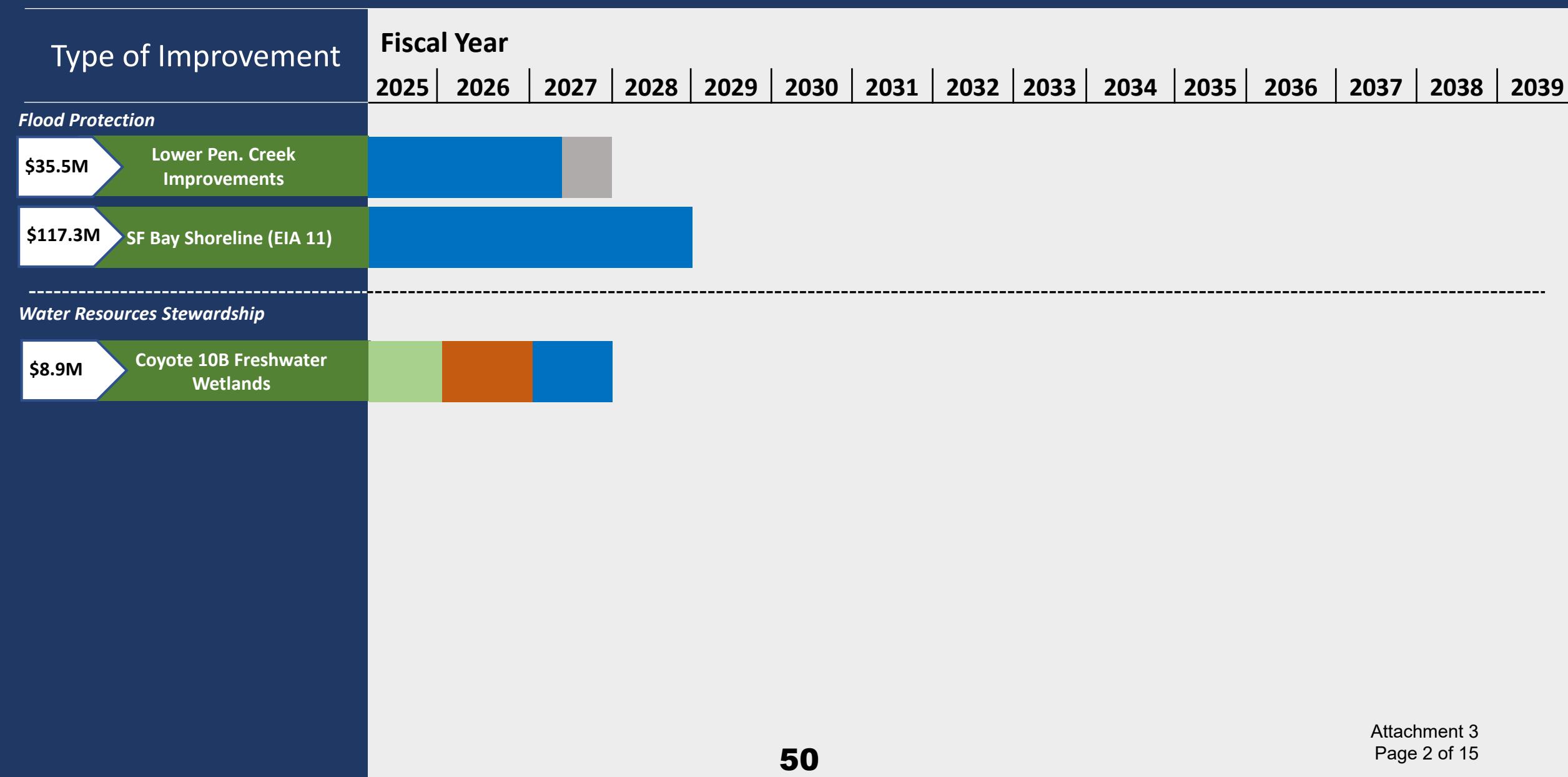
Planning

Design

Construction

Closeout

- Existing infrastructure with BRE ≥ 88 ; and/or
- In construction and/or mandated



Fund 12: Category 2 Projects

(TPC \$ and Schedule) based upon Final FY 2025-29 Five-Year Plan

Planning

Design

Construction

Closeout

- Existing infrastructure with BRE 76-87

Type of Improvement

Fiscal Year

2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 | 2034 | 2035 | 2036 | 2037 | 2038 | 2039

Flood Protection

\$107M  Guadalupe River Capacity Restoration



Water Resources Stewardship

\$15.5M  Calabazas/San Tomas Ck Marsh Connection



Fund 12: Category 3 Projects

(TPC \$ and Schedule) based upon Final FY 2025-29 Five-Year Plan

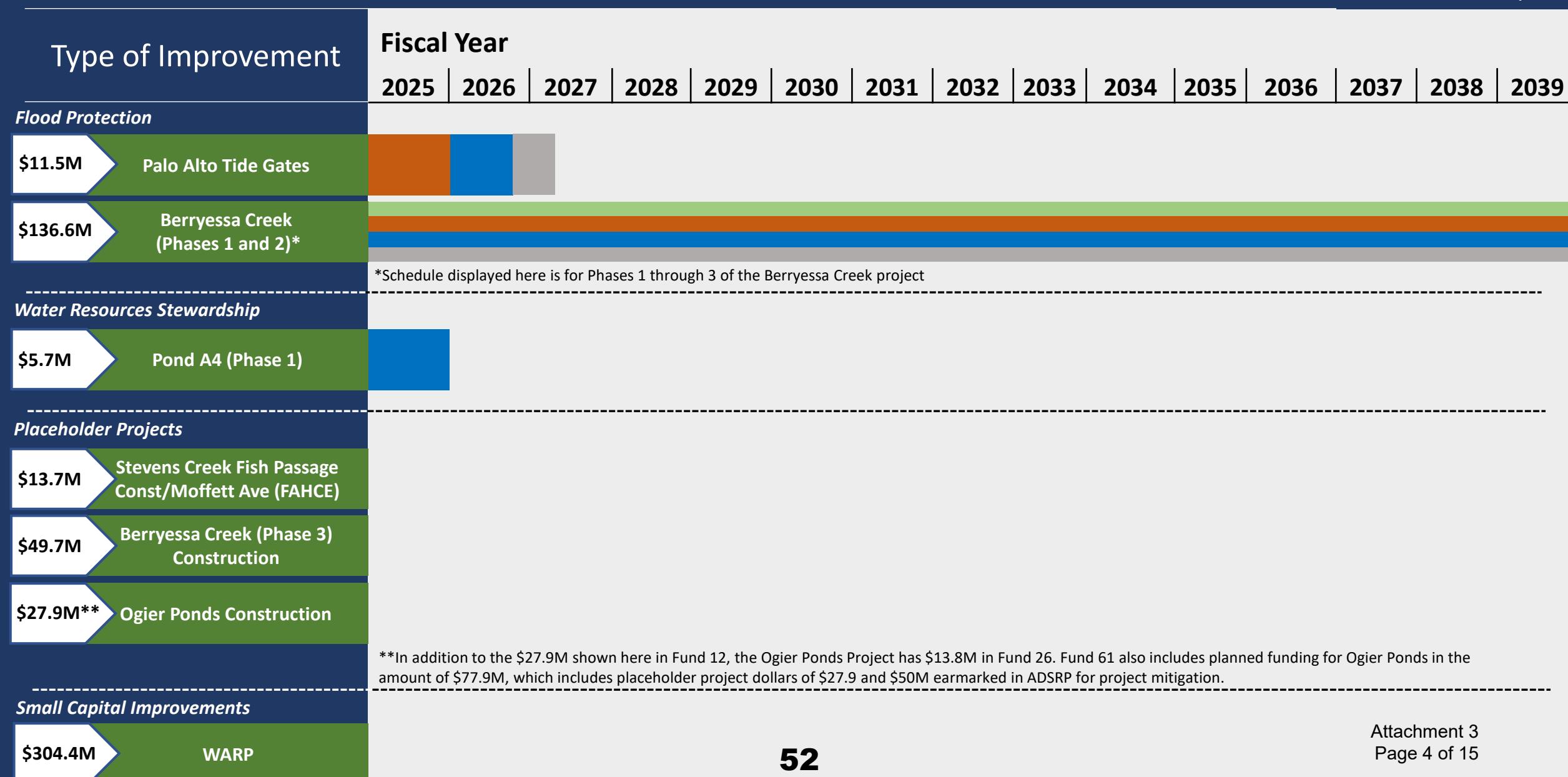
Planning

Design

Construction

Closeout

- Existing infrastructure with BRE \leq 75
- NEW Infrastructure
- Placeholder/Small Caps



Fund 26: Category 1 Projects

(TPC \$ and Schedule) based upon Final FY 2025-29 Five-Year Plan

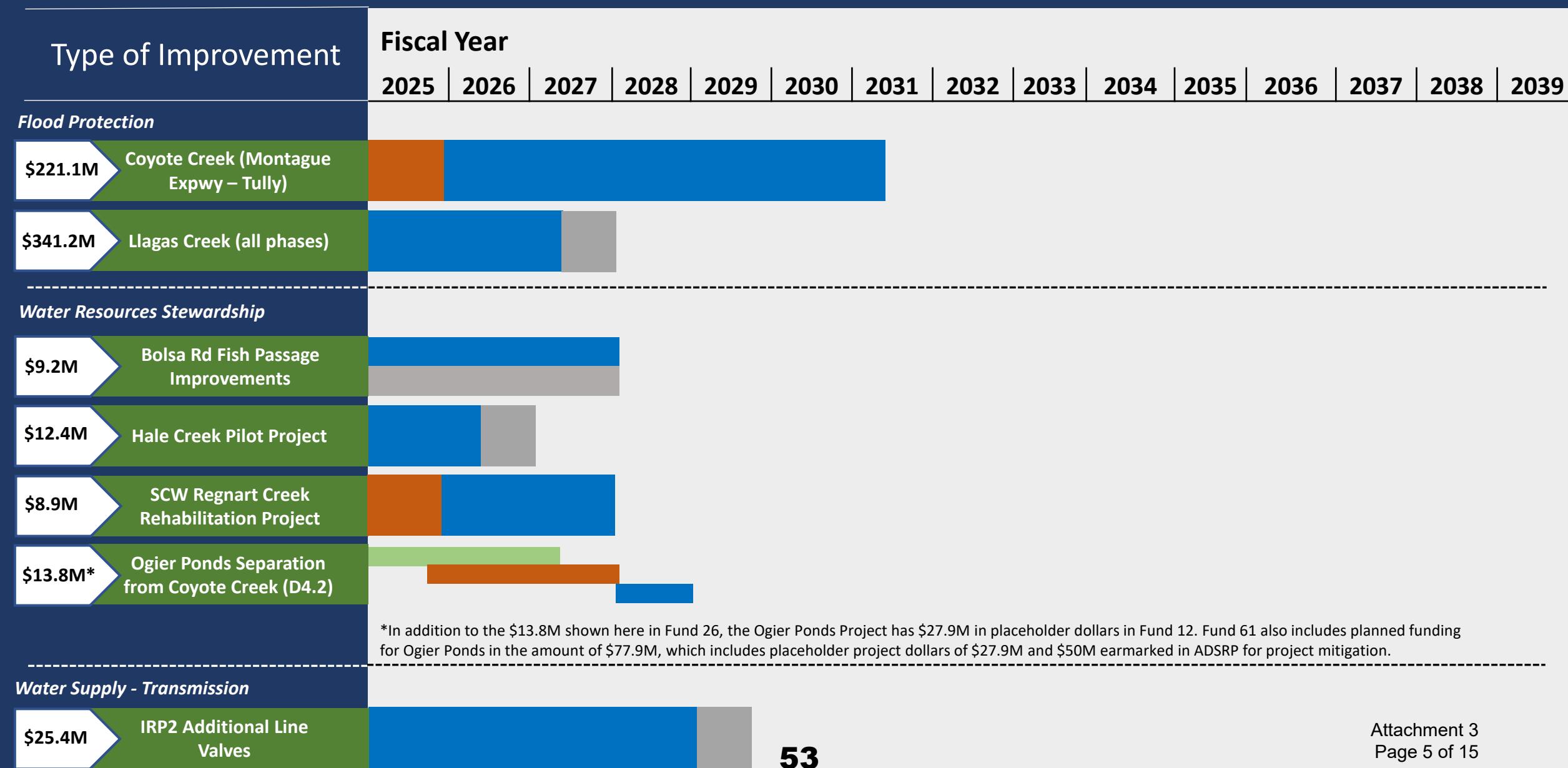
Planning

Design

Construction

Closeout

- Existing infrastructure with BRE ≥ 88 ; and/or
- In construction and/or mandated



Fund 26: Category 2 Projects

(TPC \$ and Schedule) based upon Final FY 2025-29 Five-Year Plan

Planning

Design

Construction

Closeout

- Existing infrastructure with BRE 76-87

Type of Improvement

Fiscal Year

2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 | 2034 | 2035 | 2036 | 2037 | 2038 | 2039

Flood Protection

\$57.8M Sunnyvale East & West

\$124.9M Guadalupe River-Upper (Reaches 7-12)

\$28.7M SF Shoreline (EIAs 1-4)

\$15.7M SF Shoreline (EIAs 5-9 or 10)

Fund 26: Category 3 Projects

(TPC \$ and Schedule) based upon Final FY 2025-29 Five-Year Plan

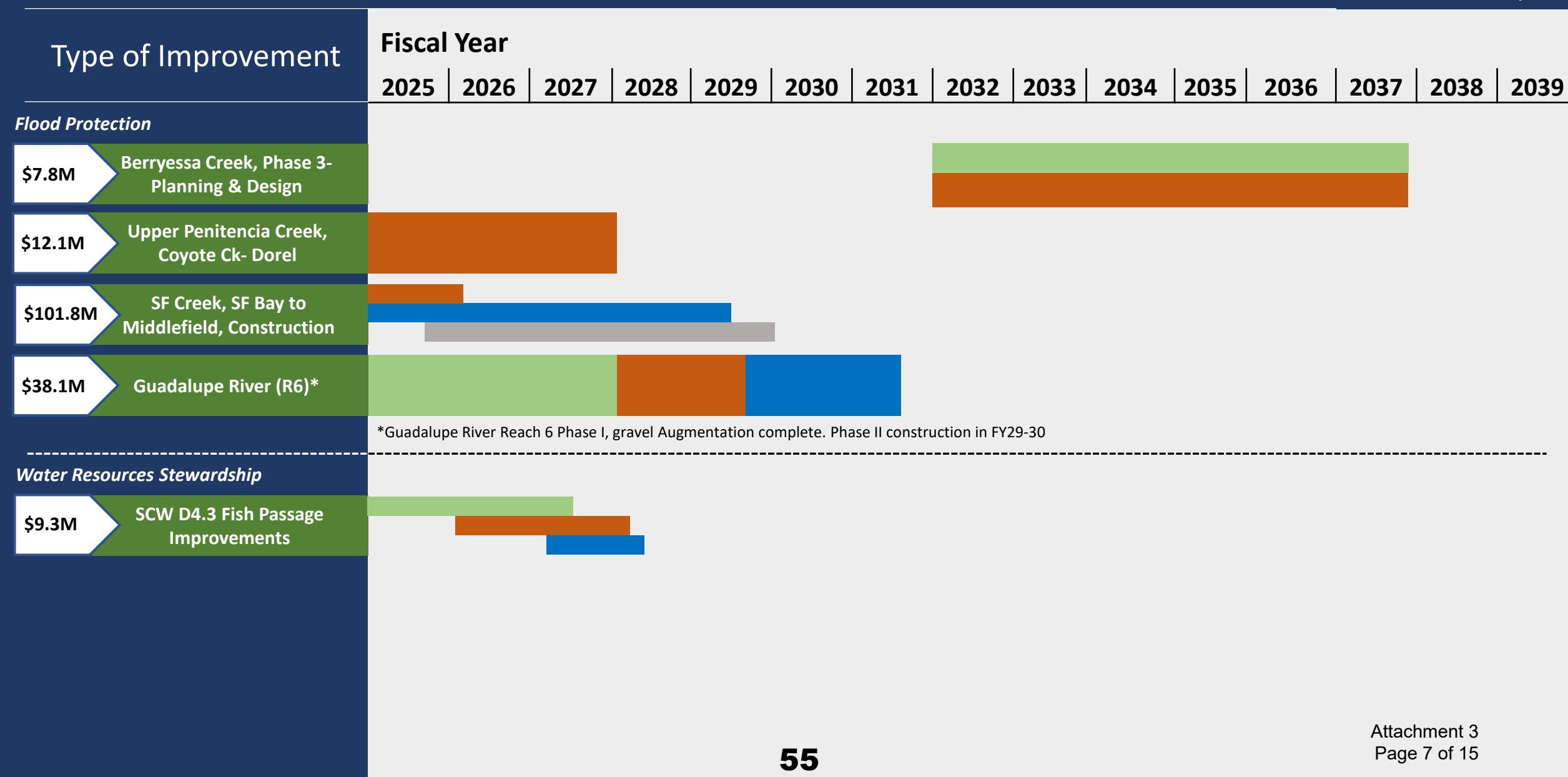
Planning

Design

Construction

Closeout

- Existing infrastructure with BRE ≤ 75
- NEW Infrastructure
- Placeholder/Small Caps



Fund 61: Category 1 Projects

(TPC \$ and Schedule) based upon Final FY 2025-29 Five-Year Plan

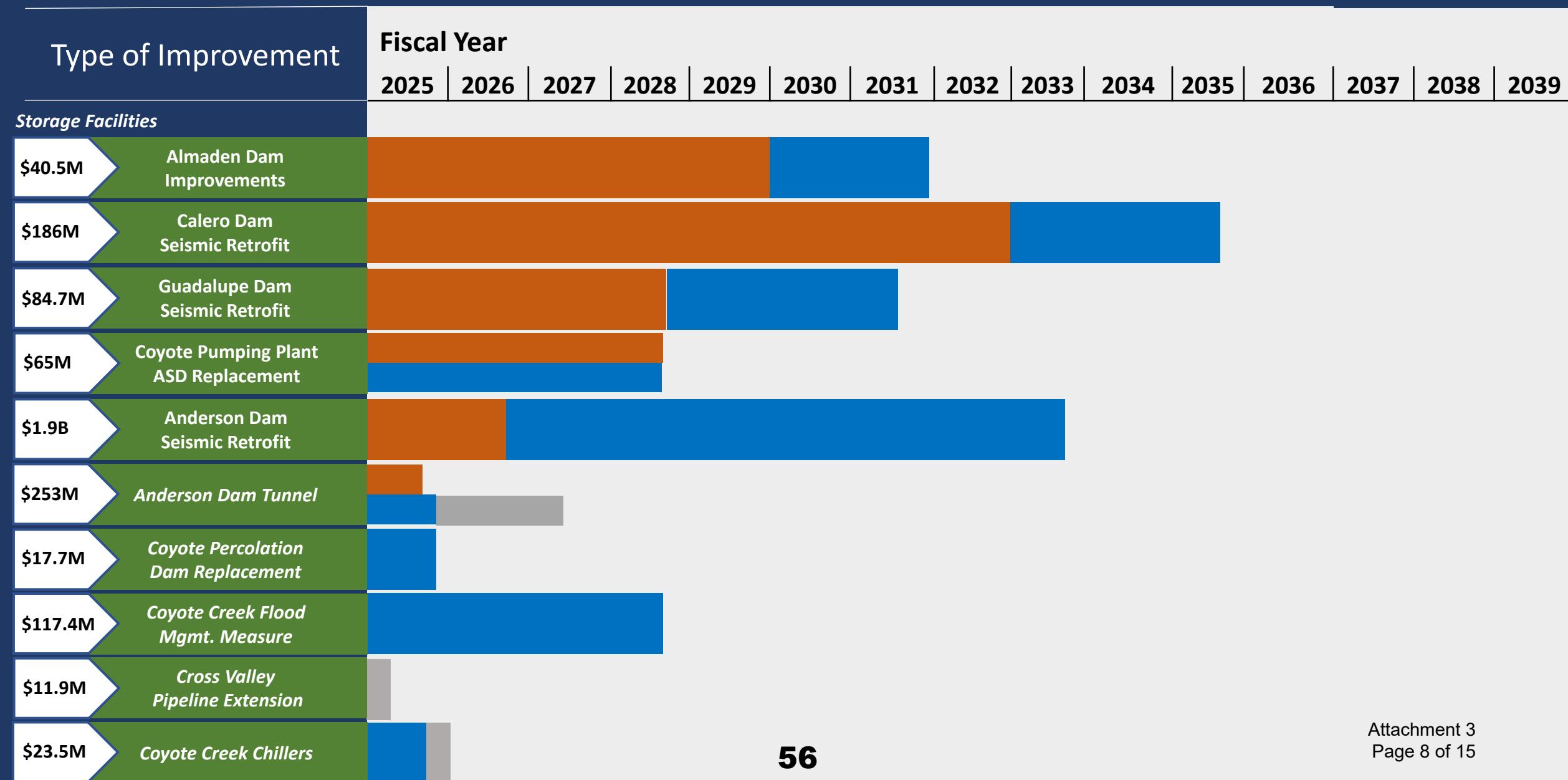
Planning

Design

Construction

Closeout

- Existing infrastructure with BRE ≥ 88 ; and/or
- In construction and/or mandated



Fund 61: Category 1 Projects

(TPC \$ and Schedule) based upon Final FY 2025-29 Five-Year Plan

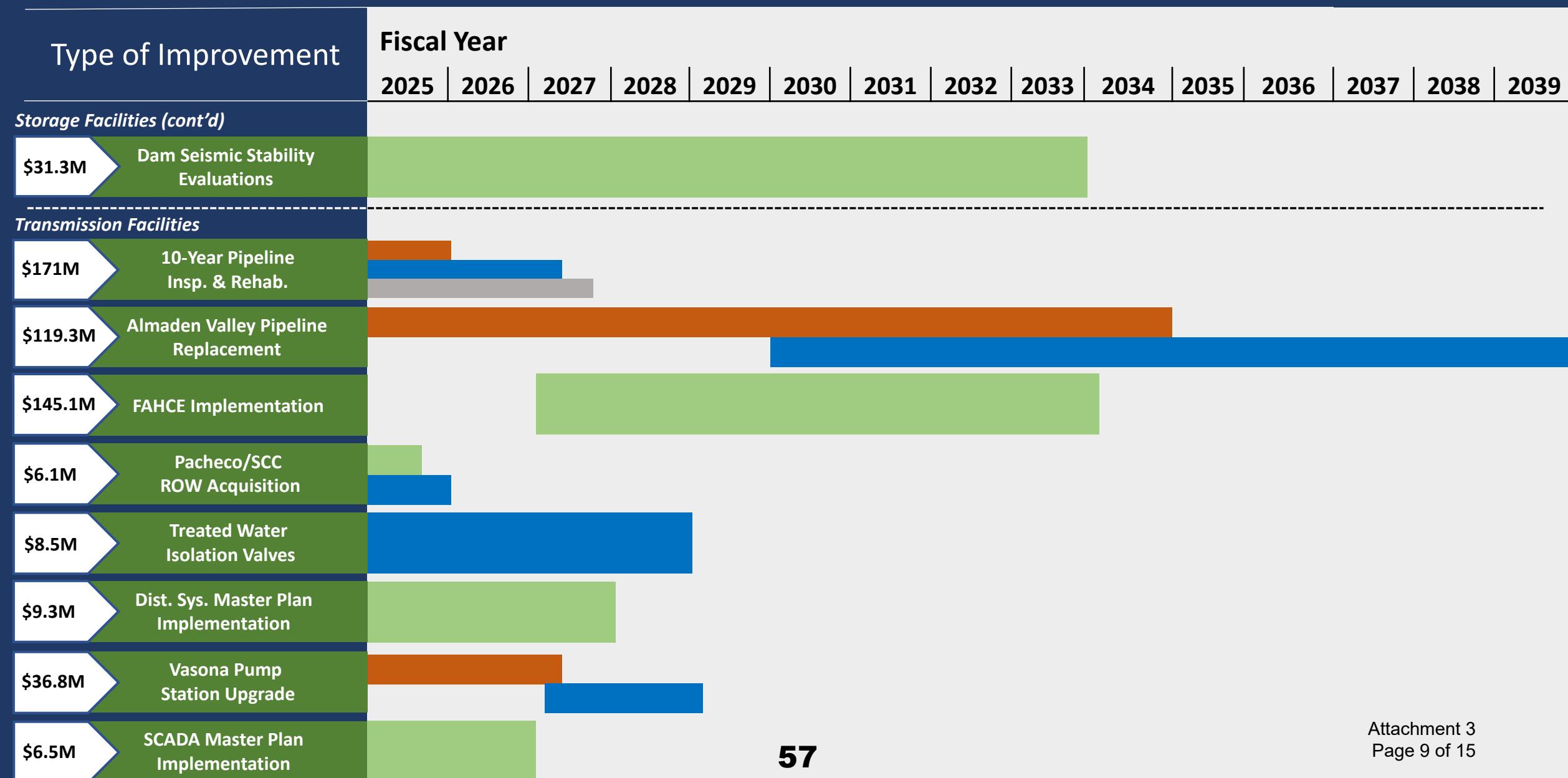
Planning

Design

Construction

Closeout

- Existing infrastructure with BRE ≥ 88 ; and/or
- In construction and/or mandated



Fund 61: Category 1 Projects

(TPC \$ and Schedule) based upon Final FY 2025-29 Five-Year Plan

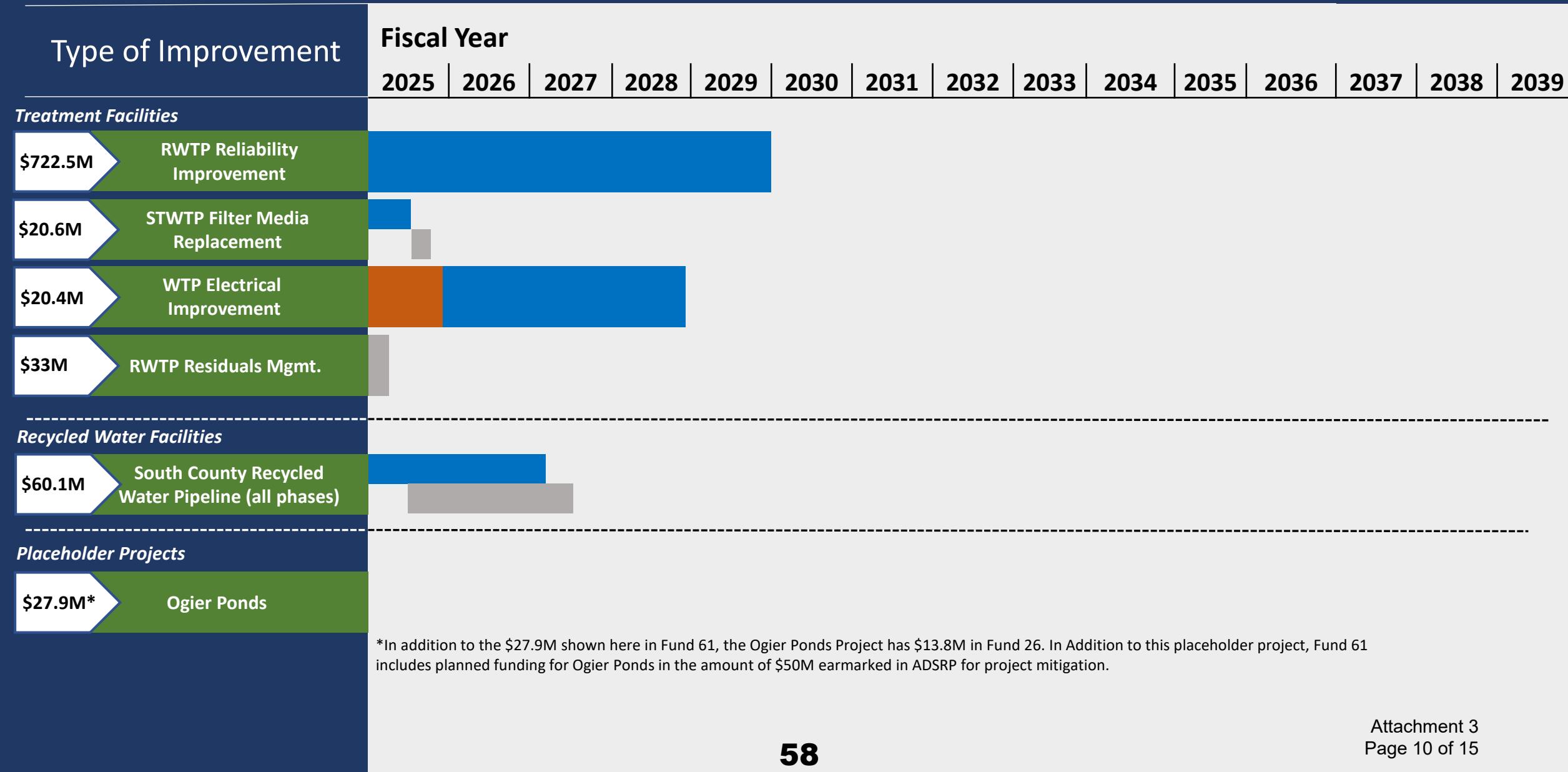
Planning

Design

Construction

Closeout

- Existing infrastructure with BRE ≥ 88 ; and/or
- In construction and/or mandated



Fund 61: Category 2 Projects

(TPC \$ and Schedule) based upon Final FY 2025-29 Five-Year Plan

Planning

Design

Construction

Closeout

- Existing infrastructure with BRE 76-87

Type of Improvement

Fiscal Year

2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 | 2034 | 2035 | 2036 | 2037 | 2038 | 2039

Treatment Facilities

\$41.5M PWTP Residuals Mgmt.

\$6.9M RWTP Ammonia Storage & Metering

Transmission Facilities

\$10.4M SMPIP Improvements - Phase 1

Fund 61: Category 3 Projects

(TPC \$ and Schedule) based upon Final FY 2025-29 Five-Year Plan

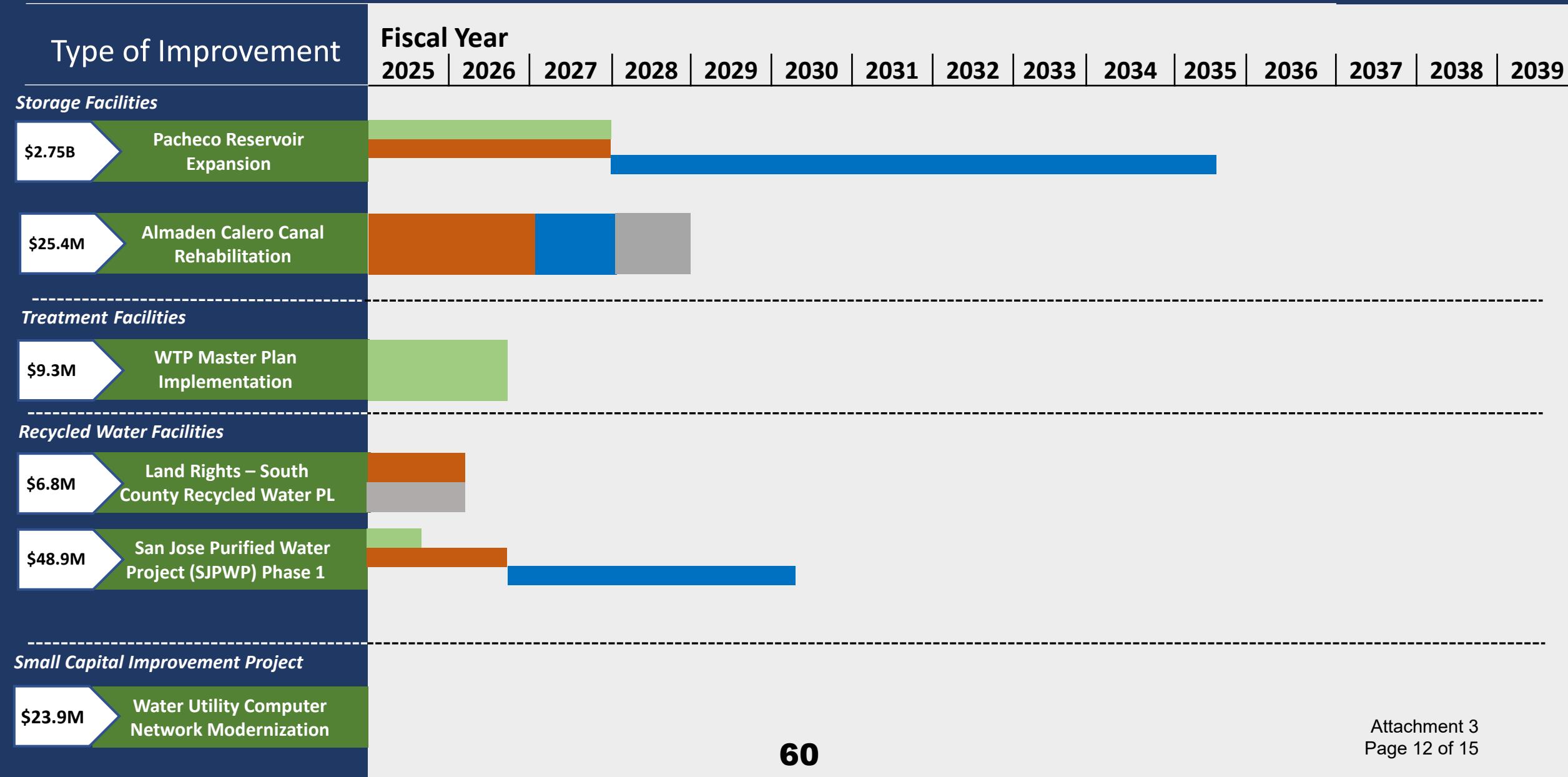
Planning

Design

Construction

Closeout

- Existing infrastructure with BRE ≤ 75
- NEW Infrastructure
- Placeholder/Small Caps



Fund 61: Category 3 Projects

(TPC \$ and Schedule) based upon Final FY 2025-29 Five-Year Plan

Planning

Design

Construction

Closeout

- Existing infrastructure with BRE ≤ 75
- NEW Infrastructure
- Placeholder/Small Caps

Type of Improvement

Fiscal Year

2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 | 2034 | 2035 | 2036 | 2037 | 2038 | 2039

Small Capital Improvement Projects

\$79.7M  San Felipe (Reaches 1-3)

\$14.8M  Raw Water Transmission

\$1.27M  Treated Water Transmission

\$60.7M  Water Treatment

Placeholder Projects

\$20M  WS Habitat Enhancements

Fund 73: Category 1 Projects

(TPC \$ and Schedule) based upon Final FY 2025-29 Five-Year Plan

Planning

Design

Construction

Closeout

- Existing infrastructure with BRE ≥ 88 ; and/or
- In construction and/or mandated

Type of Improvement

Fiscal Year

2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 | 2034 | 2035 | 2036 | 2037 | 2038 | 2039

Information Technology

\$2.6M

IT Disaster Recovery

\$1.3M

Data Consolidation

Fund 73: Category 3 Projects

(TPC \$ and Schedule) based upon Final FY 2025-29 Five-Year Plan

Planning

Design

Construction

Closeout

- Existing infrastructure with BRE ≤ 75
- NEW Infrastructure
- Placeholder/Small Caps

Type of Improvement

Fiscal Year

2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 | 2034 | 2035 | 2036 | 2037 | 2038 | 2039

Small Capital Improvement Project

\$20.8M

Software Upgrades & Enhancements

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Initially Validated and Currently Unfunded Projects

Project Name	Estimated Total Project Cost (\$ thousands w/inflation)	Phase	Potential Funding Source	FY 2024-25 Funding Category	CIP Evaluation Team Recommendations
FY 2023-24 Initially Validated Projects					
Coyote Dam Seismic Retrofit	\$406,400	Planning	Fund 61	Category 1 - Existing Infrastructure	Include in the funded CIP FY26-30 Five-Year Plan
Pipeline Maintenance Program*	\$55,375	Plan/Design/Const.	Fund 61	Category 2 - Existing Infrastructure	Include in the funded CIP FY26-30 Five-Year Plan
Almaden-Calero Canal Rehabilitation - Phase II	\$12,950	Planning	Fund 61	Category 3 - Existing Infrastructure	Move to the unfunded list
Enterprise Resource Planning (ERP) System Replacement	\$33,508	Planning	Fund 73	Category 3 - Existing Infrastructure	Include in the funded CIP FY26-30 Five-Year Plan
Current Unfunded Projects					
Llagas Creek - Lower, Capacity Restoration, Buena Vista Road to Pajaro River	\$98,831**	Planning	Fund 12	Category 1 - Existing Infrastructure	Re-validate following emergency repair work
Permanente & Hale Creek Concrete Replacement	\$20,810	Planning/Design	Fund 12	Category 1 - Existing Infrastructure	Remain on the unfunded list until FY28
Calabazas/San Tomas Aquino Creek Marsh Connection - Construction (ONLY)	\$34,562	Construction	Fund 12	Category 2 - Existing Infrastructure	Remain on the unfunded list pending available funding/resources
Pond A4 - Phase 2 (Construction ONLY)	\$32,128	Construction	Fund 12	Category 3 - NEW Infrastructure	Remain on the unfunded list pending available funding/resources
South Babb Flood Protection - Long-Term	\$22,070	Planning	Fund 12	Category 3 - Existing Infrastructure	Remain on the unfunded list pending available funding/resources
Alamitos Operable Dam Replacement	\$13,889	Planning	Funds 12/61	Category 3 - Existing Infrastructure	Remain on the unfunded list pending available funding/resources
Palo Alto Purified Water Project (PAPWP)	\$1,097,076***	Planning	Fund 61	Category 3 - NEW Infrastructure	Remain on the unfunded list pending available funding/resources

* Renewal of the 10-yr Pipeline Inspection and Rehabilitation Project (sunsets in FY28)

** Llagas Capacity has prior year actuals = \$6,947, TPC = \$105,778 **65**

*** PAPWP Fund 61 unfunded cost is \$14,633,000; Public Private Partnership (P3 contribution for PAPWP) is \$1,082,443,000

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Capital Improvement Program (CIP) FISCAL YEAR 2026-30

Project Updates & Development of Preliminary Five-Year Plan

Presented by:

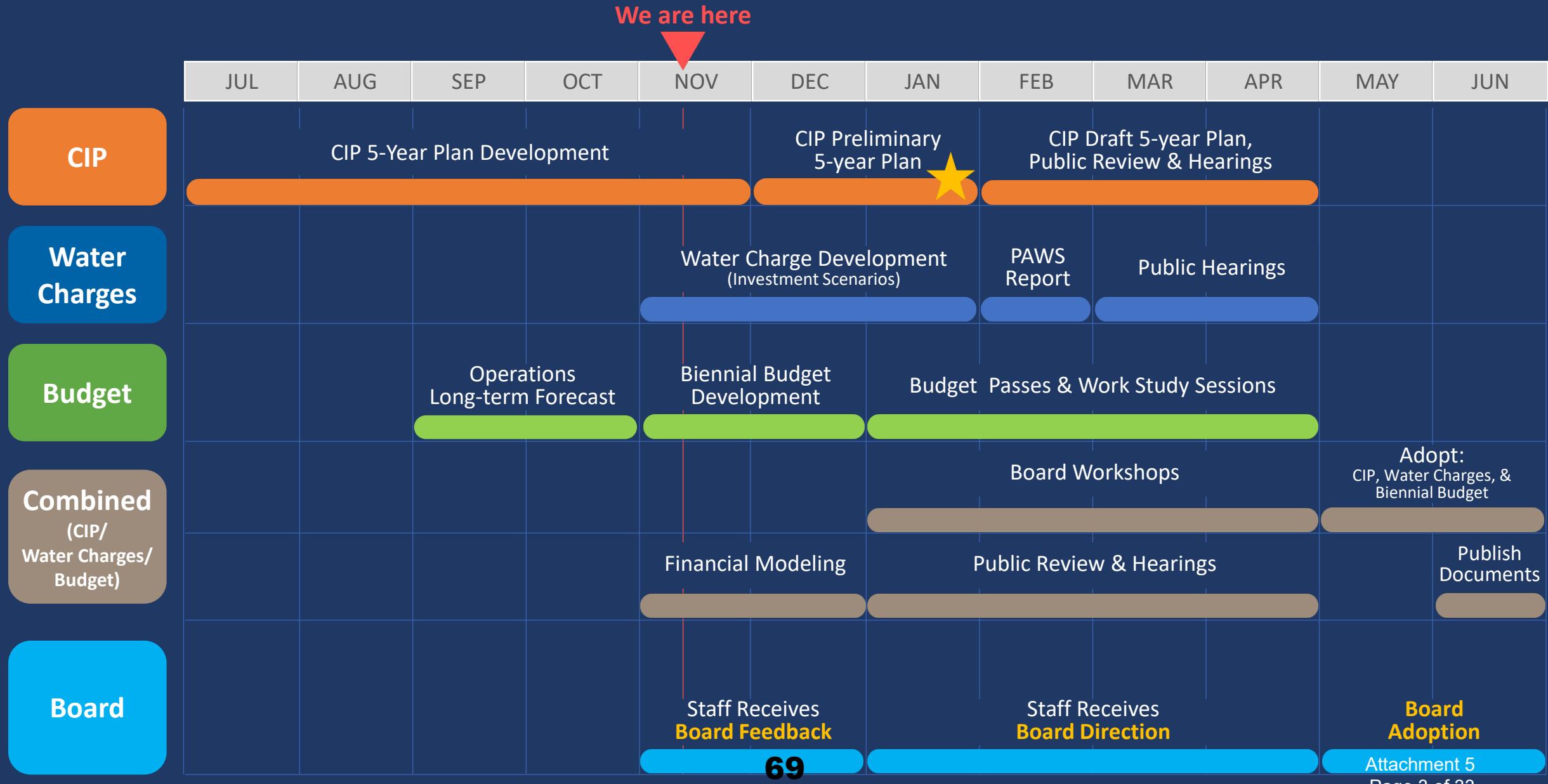
Jessica Collins, Business Planning and Analysis Unit Manager
Carmen Narayanan, Financial Planning and Revenue Manager

Presentation Outline

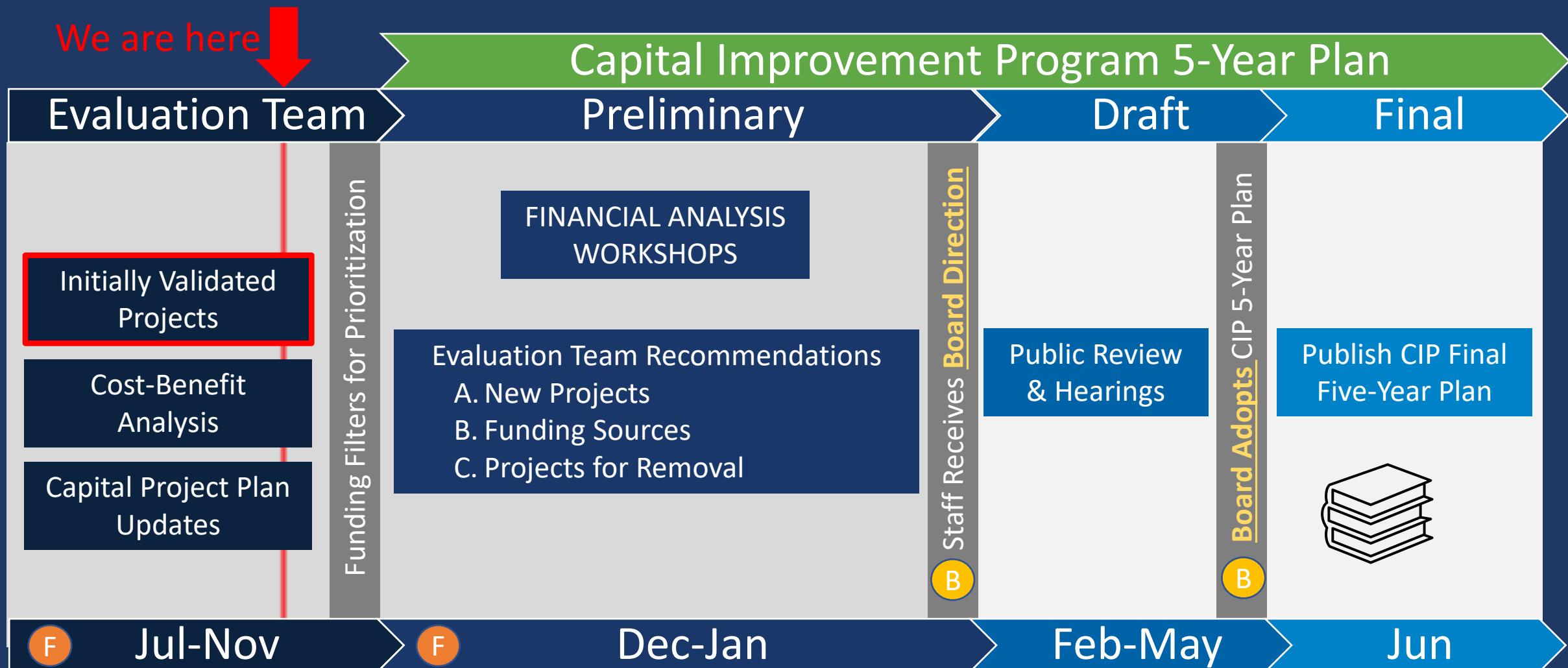
1. Annual CIP 5-Year Plan Development
2. Project Plan Updates Summary
3. CIP Evaluation Team Analysis and Recommendations
 - A. Analysis and Recommendations by Fund
 - 1) Baseline
 - 2) Recommended
 - B. Initially Validated/Unfunded Projects
4. Next Steps



Annual CIP, Biennial Budget & Water Charges Development Timeline



Annual CIP 5-Year Plan Timeline



Summary of Project Plan Updates

**Changes from Board Adopted
CIP FY 2025-29 Five-Year Plan**

Project Plan Updates from CIP Adopted Five-Year Plan

Overview of 41 Project Plan Updates:

- **22 Projects** had changes to **SCHEDULE and COST**
- **11 Projects** had changes to **SCOPE, SCHEDULE and COST**
- **3 Projects** had changes to **SCHEDULE ONLY**
- **4 Projects** had changes to **COST ONLY**
- **2 Project** had changes to **SCOPE and COST**

Small Capital Project Updates

- **5 Projects** had changes due to **SMALL CAPITAL FORECAST REVISIONS**

Project Plan Updates Fund Impacts

Changes from Adopted CIP FY 2025-29 Five-Year Plan

Impact, by fund, of the 41 project plan updates:

Fund	Cost Impact* (±)
General Buildings & Grounds (Fund 11)	\$216K
Watersheds Stream Stewardship (Fund 12)	\$83.13M
Safe, Clean Water and Natural Flood Protection Program (Fund 26)	-\$5.67M
Water Utility Enterprise (Fund 61)	\$70.46M
Information Technology (Fund 73)	-\$26.73M

** Cost includes inflation.*

New/Pending Project Plan Updates

Project plan updates are underway for the following projects:

1. Upper Penitencia Creek, Coyote Creek to Dorel Drive (E4) (26324001)
2. San Francisco Bay Shoreline, EIAs 5-10 (26444004)
3. Coyote 10B Freshwater Wetlands (40214023)

(NOTE: The pending changes have not been finalized and therefore are not incorporated into the Baseline CIP Preliminary FY 2026-30 Five-Year Plan. The changes will be incorporated and modeled for the January 14, 2025, Board Meeting, along with any additional project plan updates.)

CIP Preliminary FY 2026-30 Five-Year Plan (Baseline)

With changes from Adopted CIP FY 2025-29 Five-Year Plan

Fund	FY25-29 Adopted	FY26-30 Preliminary (Baseline)	Change in Cost (±)
General Buildings & Grounds (Fund 11)	\$95.956M	\$96.172M	\$216K
Watersheds Stream Stewardship (Fund 12)	\$881.713M	\$964.844M	\$83.13M
Safe, Clean Water and Natural Flood Protection Program (Fund 26)	\$1.257B	\$1.251B	- \$5.67M
Water Utility Enterprise (Fund 61)	\$7.293B	\$7.364B	\$70.46M
Information Technology (Fund 73)	\$42.371M	\$15.643M	-\$26.73M
Totals:	\$9.570B	\$9.692B	\$121.41M

Baseline Includes:

- *Capital project plan updates*
- *Cost increases/decreases resulting from inflation*
- *Board approved project closures in FY 25*

CIP Evaluation Team Analysis

Recommendations by Fund

Watershed Stream Stewardship Fund (Fund 12)

Largest/Most Impactful changes from Adopted CIP FY 2025-29 Five-Year Plan

Overview of Largest/Most Impactful Project Plan Updates:

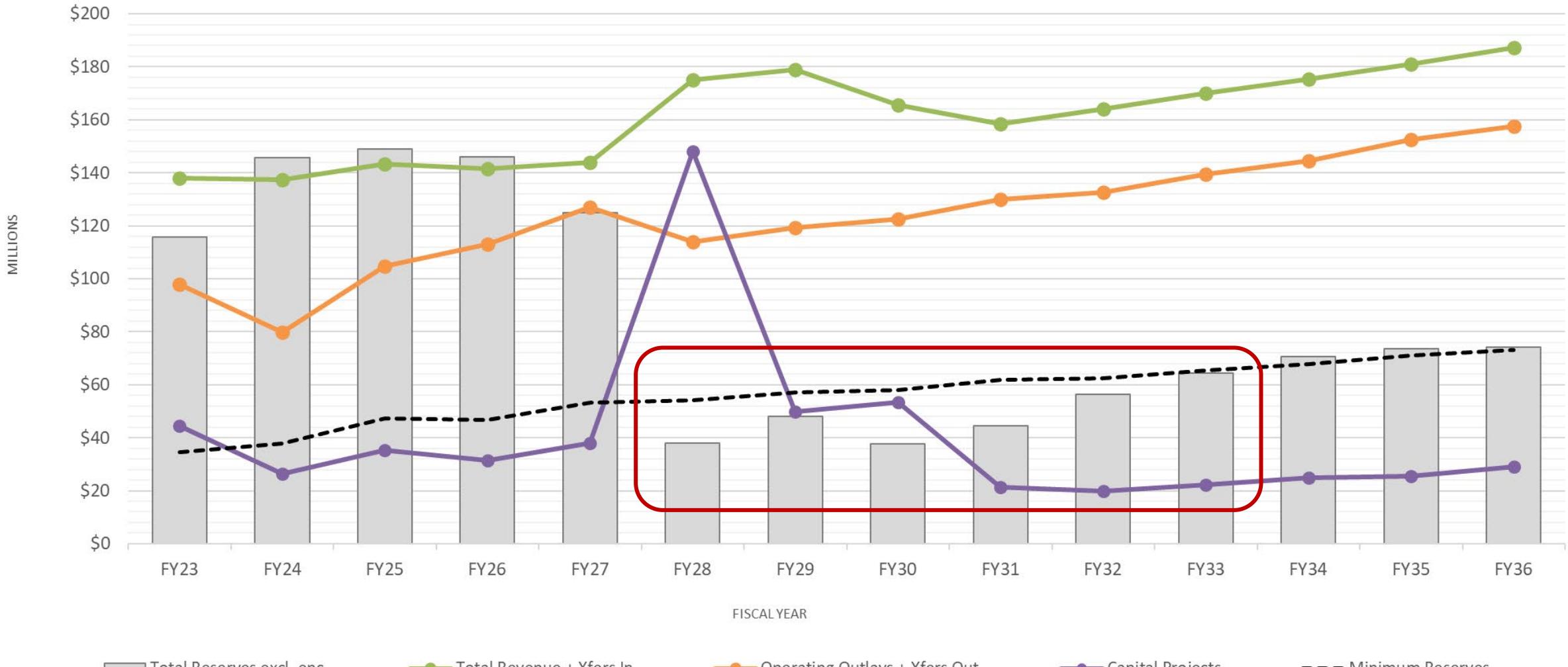
Project Number	Project Name	Scope	Schedule Impact (±)	Cost Impact* (±)
20444002	Pond A4 Resilient Habitat Restoration	Y	+ 2 Years	+ \$5.74M
30154019	Lower Guadalupe River Capacity Restoration Project	-	+ 3 Years	+ \$3.43M**
62084001	Watersheds Asset Rehabilitation Program (WARP)	-	-	+ \$3.33M

* Cost includes inflation

** No change to Total Project Cost, inflation only

Watershed Stream Stewardship Fund 12 - Baseline

Watershed Stream Stewardship Fund



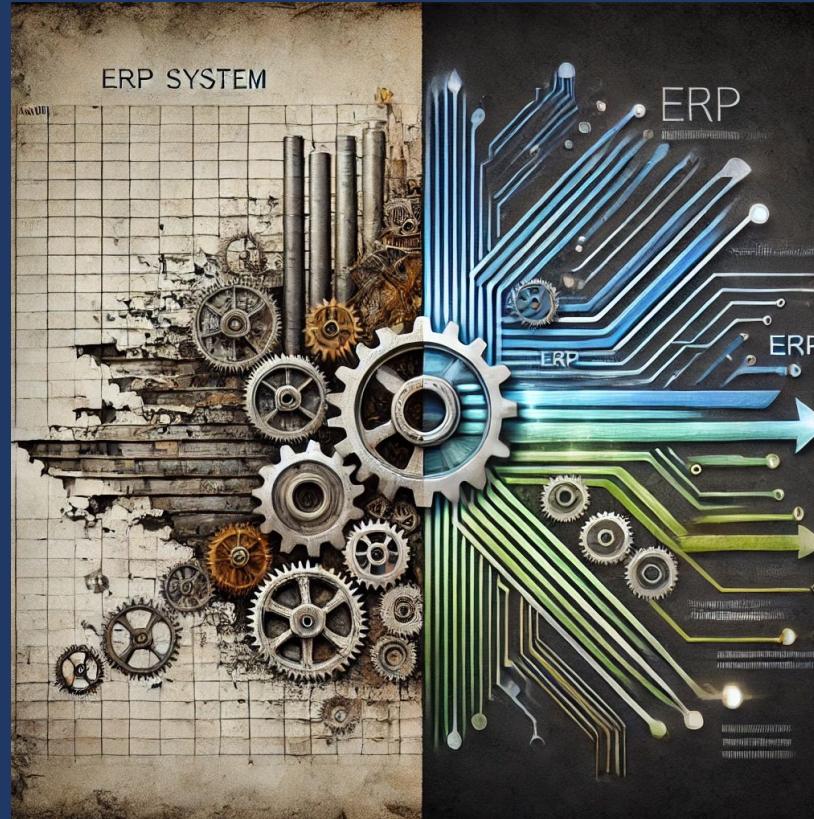
CIP Evaluation Team Recommendations – Fund 12

Recommended Scenario = Baseline, with the following modifications:

1. Include the ERP System Replacement - \$33.5M
2. Recommend a public hearing to move the San Francisco Bay Shoreline, EIA 11 Project (00044026) back into the Safe, Clean Water Program (Fund 26) to utilize approximately \$23M in unspent funds from the San Francisco Bay Shoreline, EIA's 1-4 Project (26444002) (KPI #1), which cannot be fully implemented due to the USACE decision not to pursue design and construction of EIAs 1-4
3. Reduce the Board-approved fund transfer from Fund 12 to Fund 26 from \$27.9M to \$10M to balance the fiscal health of both funds

ERP System Replacement Project

TPC: \$33.5 M
Funding: Fund 73
Duration: 3-4 Years
Location: San Jose, CA

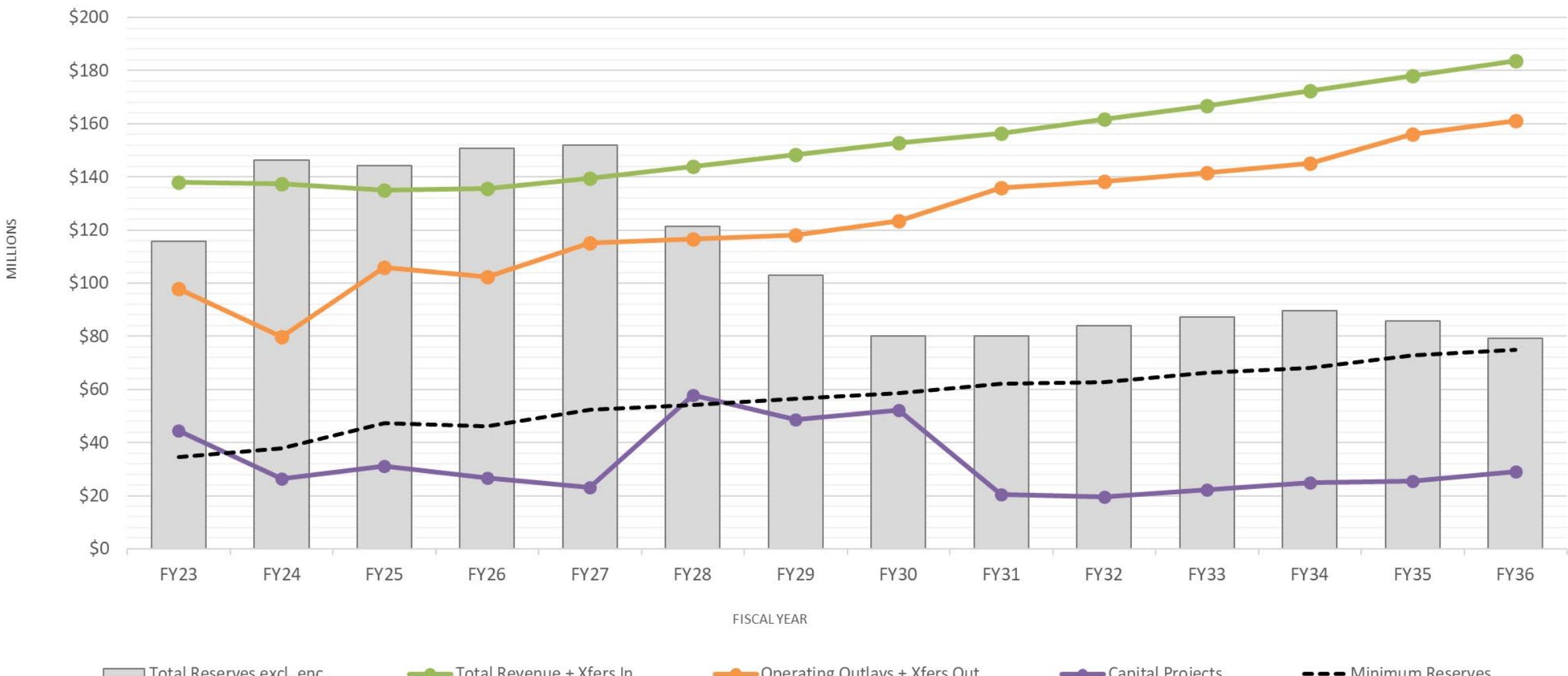


Objectives:

1. Provide an Enterprise Resource Planning (ERP) system to eliminate inefficiencies
2. Replace Infor with a new ERP system
3. Simplify usability for employees, interns, and temps

Watershed Stream Stewardship Fund 12 – Recommended Scenario

Watershed Stream Stewardship Fund



Safe, Clean Water and Natural Flood Protection Program Fund (Fund 26)

Largest/Most Impactful changes from Adopted CIP FY 2025-29 Five-Year Plan

Overview of Largest/Most Impactful Project Plan Updates:

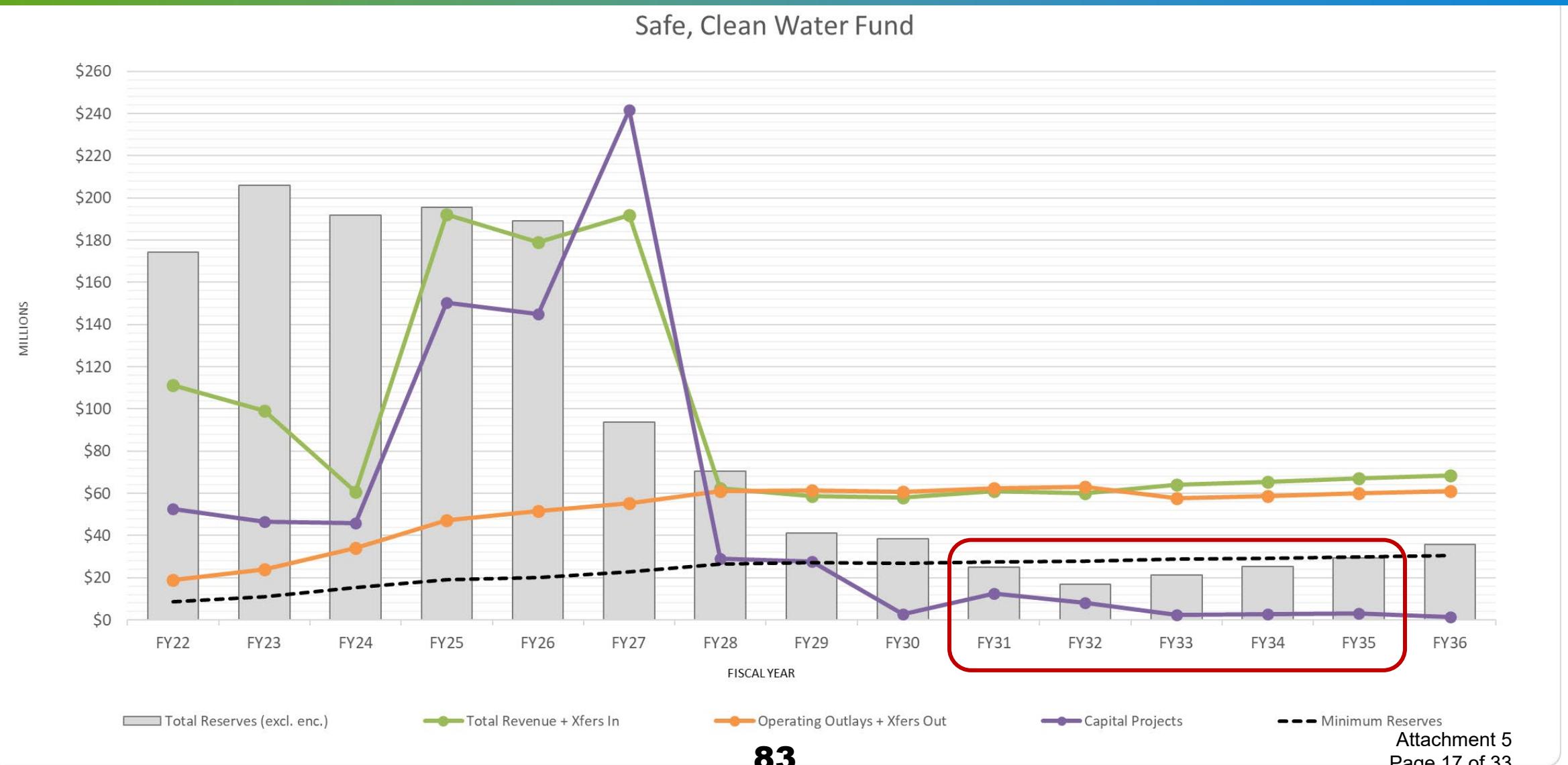
Project Number	Project Name	Scope	Schedule Impact (±)	Cost Impact* (±)
26444004	San Francisco Bay Shoreline EIAs 5-10	-	+ 5 Years	+ \$641K**
26074002	Sunnyvale East and West Channels	Y	Phase only	+ \$32.65M
26174054	Llagas Creek – Upper, Design	-	+ 1 Year	- \$3.31M
26174055	Llagas Creek – Upper, Phase 2B Construction	-	+ 4 Years	+ \$55.92M
26764001	IRP2 Additional Line Valves (A3)	-	-	+ \$8.65M
26044003	Ogier Ponds Separation from Coyote Creek (D4.1b)	-	+ 5 Years	+ \$520K
26444002	San Francisco Bay Shoreline – EIAs 1-4	Y	- 7 Years	- \$22.98M
26154003	Guadalupe Rv – Upper, SPRR-Blossom Hill (R7-12)	-	+ 2 Years	- \$39.30M

* Cost includes inflation

** No change to Total Project Cost, inflation only

Safe, Clean Water Fund 26 – Baseline*

* Includes: \$80M in NRCS funding for Upper Llagas Creek Flood Protection Project – Phase 2B; \$14.8M transfer in from WUE Fund 61 for IRP2; \$27.9M transfer in from WSS Fund 12; and \$26.2M San Francisquito Creek JPA funding [unsecured]



CIP Evaluation Team Recommendations – Fund 26

Recommended Scenario = Baseline, with the following modifications:

1. Include the ERP System Replacement - \$33.5M (CIP Evaluation Team recommendation)
2. Recommend a public hearing to move the San Francisco Bay Shoreline, EIA 11 Project (00044026) back into the Safe, Clean Water Program (Fund 26) to utilize approximately \$23M in unspent funds from the San Francisco Bay Shoreline, EIA's 1-4 Project (26444002) (KPI #1), which cannot be fully implemented due to the USACE decision not to pursue design and construction of EIAs 1-4
3. Reduce the Board-approved fund transfer from Fund 12 to Fund 26 from \$27.9M to \$10M to balance the fiscal health of both funds

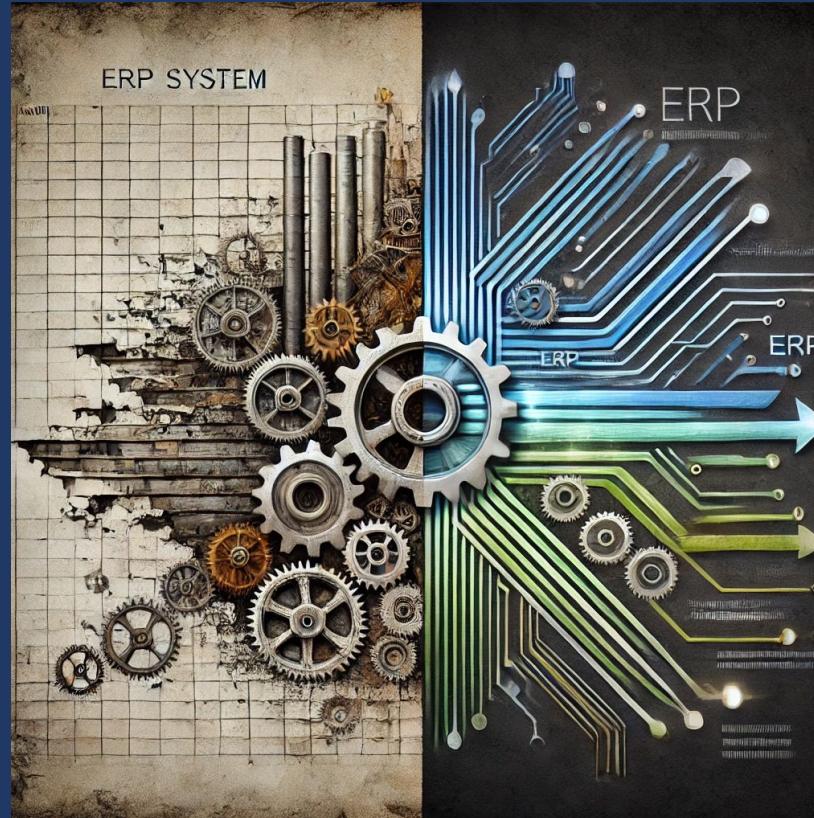
ERP System Replacement Project

TPC: \$33.5 M

Funding: Fund 73

Duration: 3-4 Years

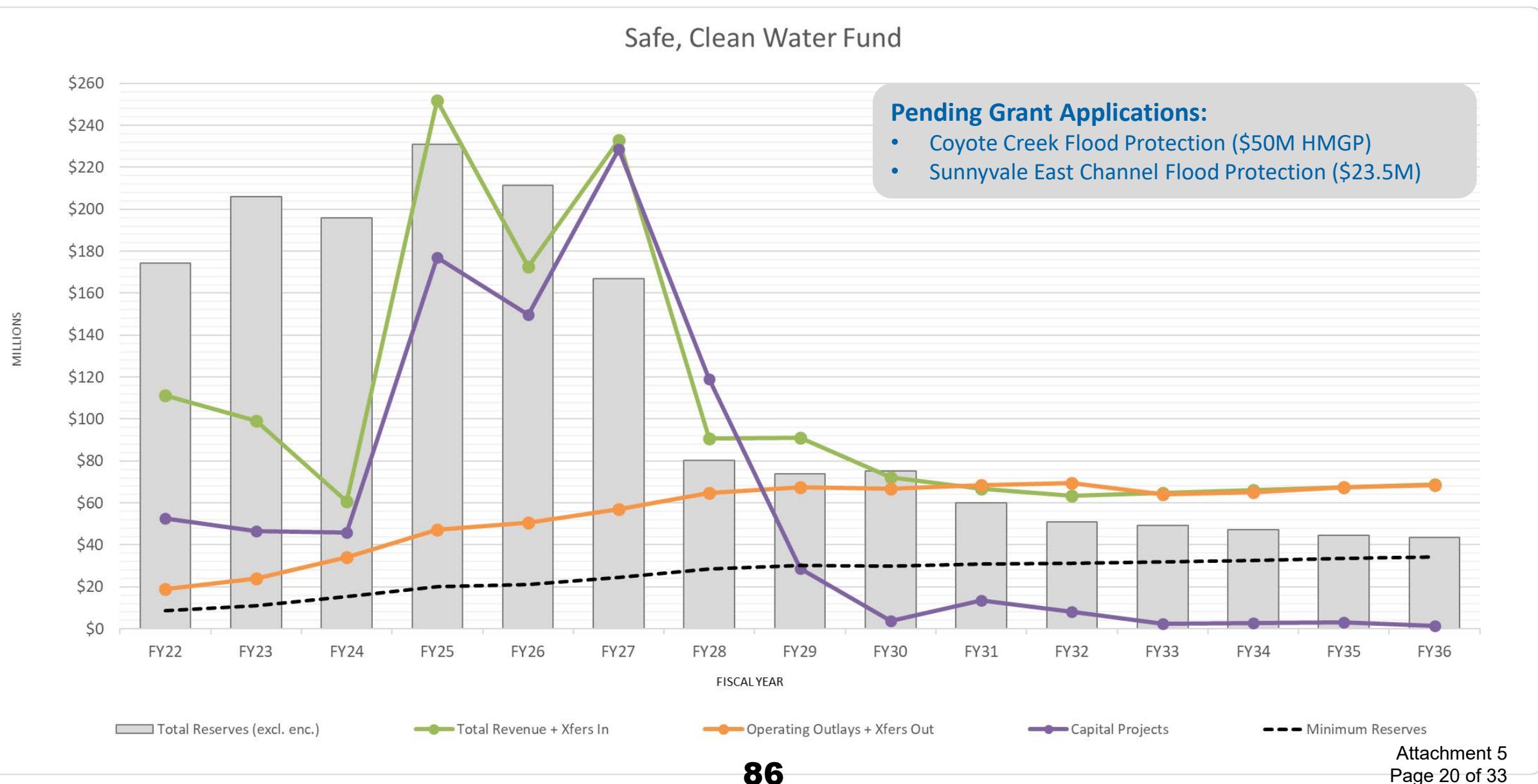
Location: San Jose, CA



Objectives:

1. Provide an Enterprise Resource Planning (ERP) system to eliminate inefficiencies
2. Replace Infor with a new ERP system
3. Simplify usability for employees, interns, and temps

Safe, Clean Water Fund 26 – Recommended Scenario



Water Utility Enterprise Fund (Fund 61)

Largest/Most Impactful changes from Adopted CIP FY 2025-29 Five-Year Plan

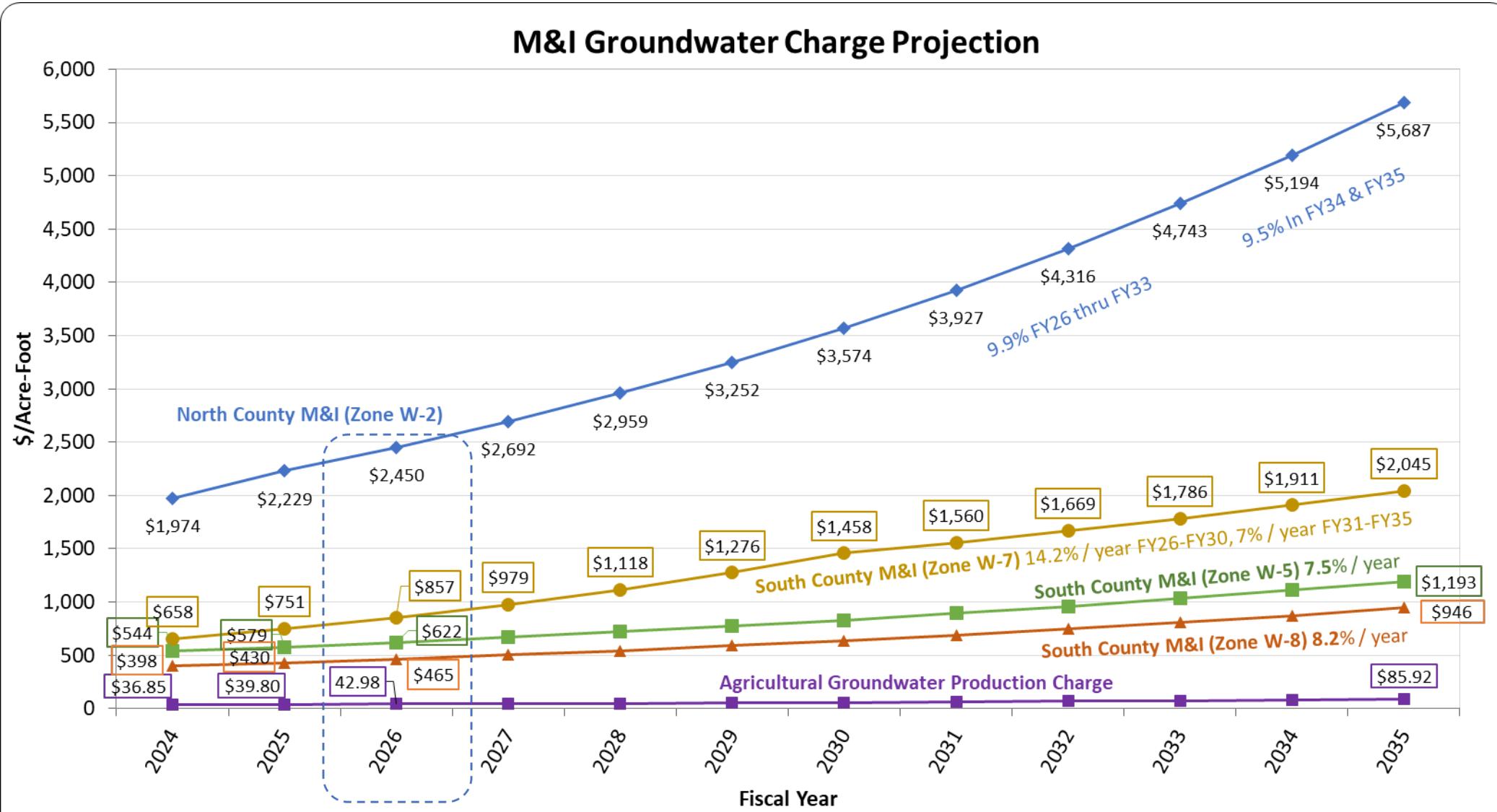
Overview of Largest/Most Impactful Project Plan Updates:

Project Number	Project Name	Scope	Schedule Impact (±)	Cost Impact* (±)
91864011	Coyote Percolation Dam Phase 2	Y	- 4 Years	- \$12.23M
91294001	San Jose Purified Water Project (SJPWP) – Phase 1	Y	Phase Only	+ \$57.49M
91864005	Anderson Dam Seismic Retrofit	-	-	- \$9.05M**
91864007	Coyote Creek Flood Management Measure	-	Phase Only	- \$16.00M
91874004	Calero Dam Seismic Retrofit (Design & Construction)	Y	Phase Only	- \$23.53M
91894002	Guadalupe Dam Seismic Retrofit – Design and Construct	Y	+ 4 Years	+ \$56.02M
93234044	PWTP Residuals Management	Y	+ 3 Years	+ \$53.87M
94084007	Treated Water Isolation Valves	Y	+ 1 Year	+ \$4.90M
95084002	10-Year Pipeline Rehabilitation	-	+ 1 Year	+ \$12.63M
92304001	Almaden Valley Pipeline Replacement Project	-	+ 1 Year	- \$15.72M

*Cost includes inflation

** No change to Total Project Cost, inflation only

Water Utility Fund 61 – Baseline Rate Projections



Reflects baseline case for WUE Rate Projections.

FY26 Water Usage: 218kAF [Moderate Rebound]

Delta Conveyance Project

Pacheco & Anderson w/WIFIA

Ag @ 9.25% M&I Zone W-8

Sisk Dam Raise

[LVE Eliminated]

CIP Evaluation Team Recommendations – Fund 61

Recommended Scenario = Baseline, with the following modifications:

1. Include the ERP System Replacement - \$33.5M
2. Include the Coyote Dam Seismic Retrofit - \$406.4M
3. Include the Pipeline Maintenance Program - \$55.4M

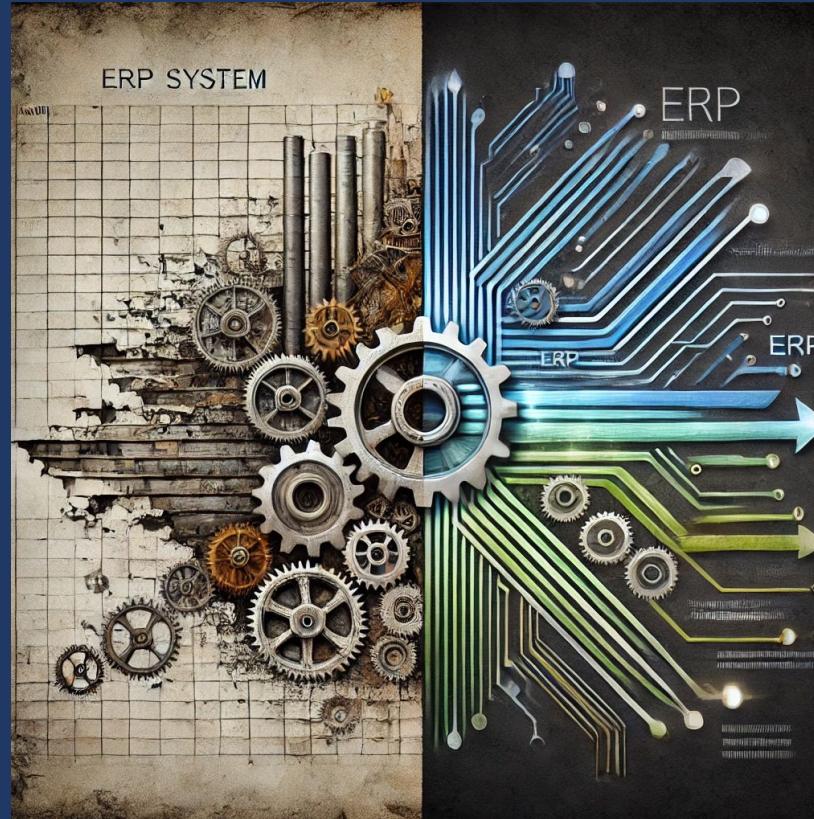
ERP System Replacement Project

TPC: \$33.5 M

Funding: Fund 73

Duration: 3-4 Years

Location: San Jose, CA



Objectives:

1. Provide an Enterprise Resource Planning (ERP) system to eliminate inefficiencies
2. Replace Infor with a new ERP system
3. Simplify usability for employees, interns, and temps

Coyote Dam Seismic Stability

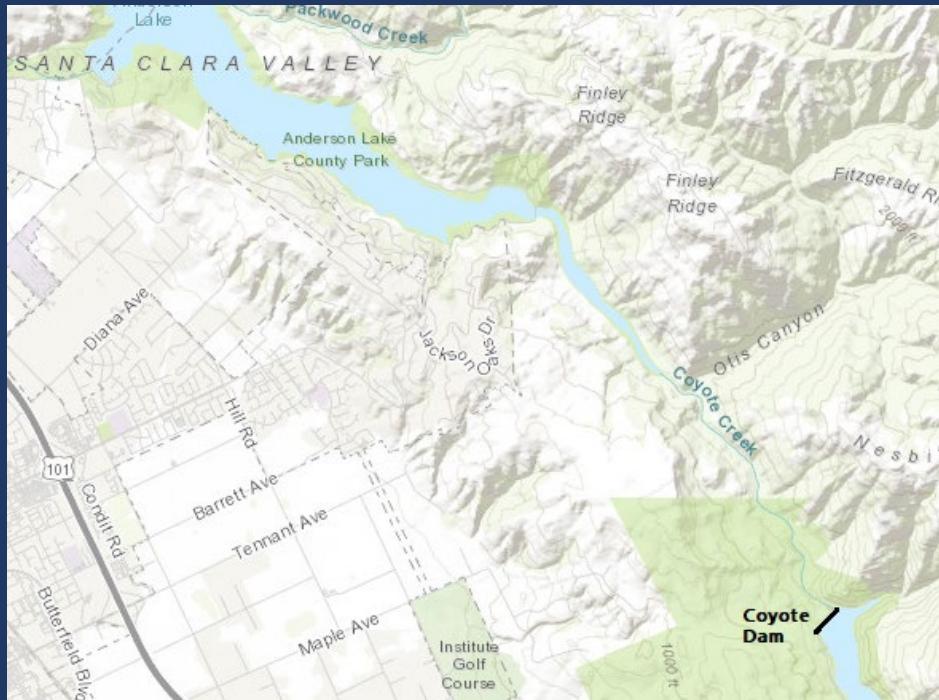
TPC: \$406.4 M

Funding: Funds 61

Duration: 10-12 Years

Location: Morgan Hill, CA

Upstream of the Anderson Dam



Calaveras Fault crossing embankment



Objectives:

1. Enhance dam safety by installing a downstream filter and drainage system to address seismic-related cracking risks
2. Replace the downstream alluvium foundation which is prone to liquefaction
3. Modify spillway to manage Probable Maximum Flood events

Pipeline Maintenance Program

TPC: \$55.4M

Funding: Fund 61

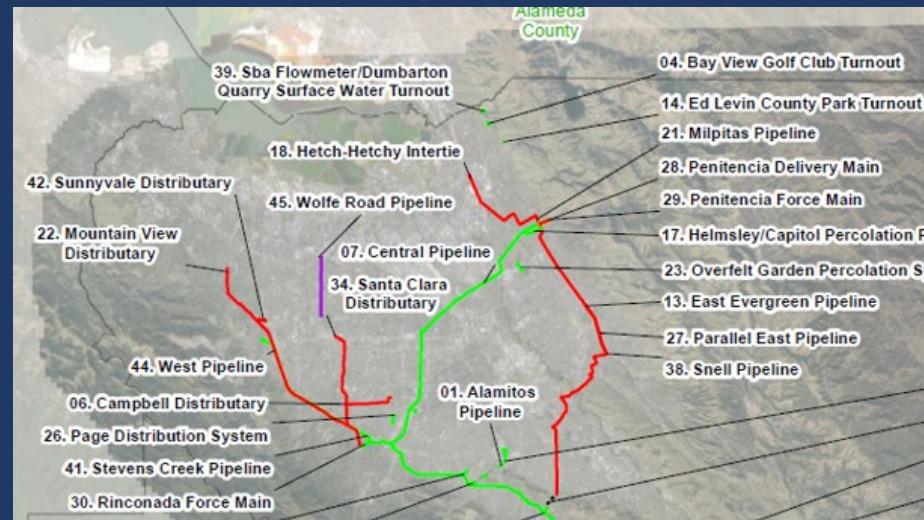
Duration: Ongoing

Location: Santa Clara County

Map Legend

- Raw Water
- Treated Water
- Recycled Water

Proposed Project Sites



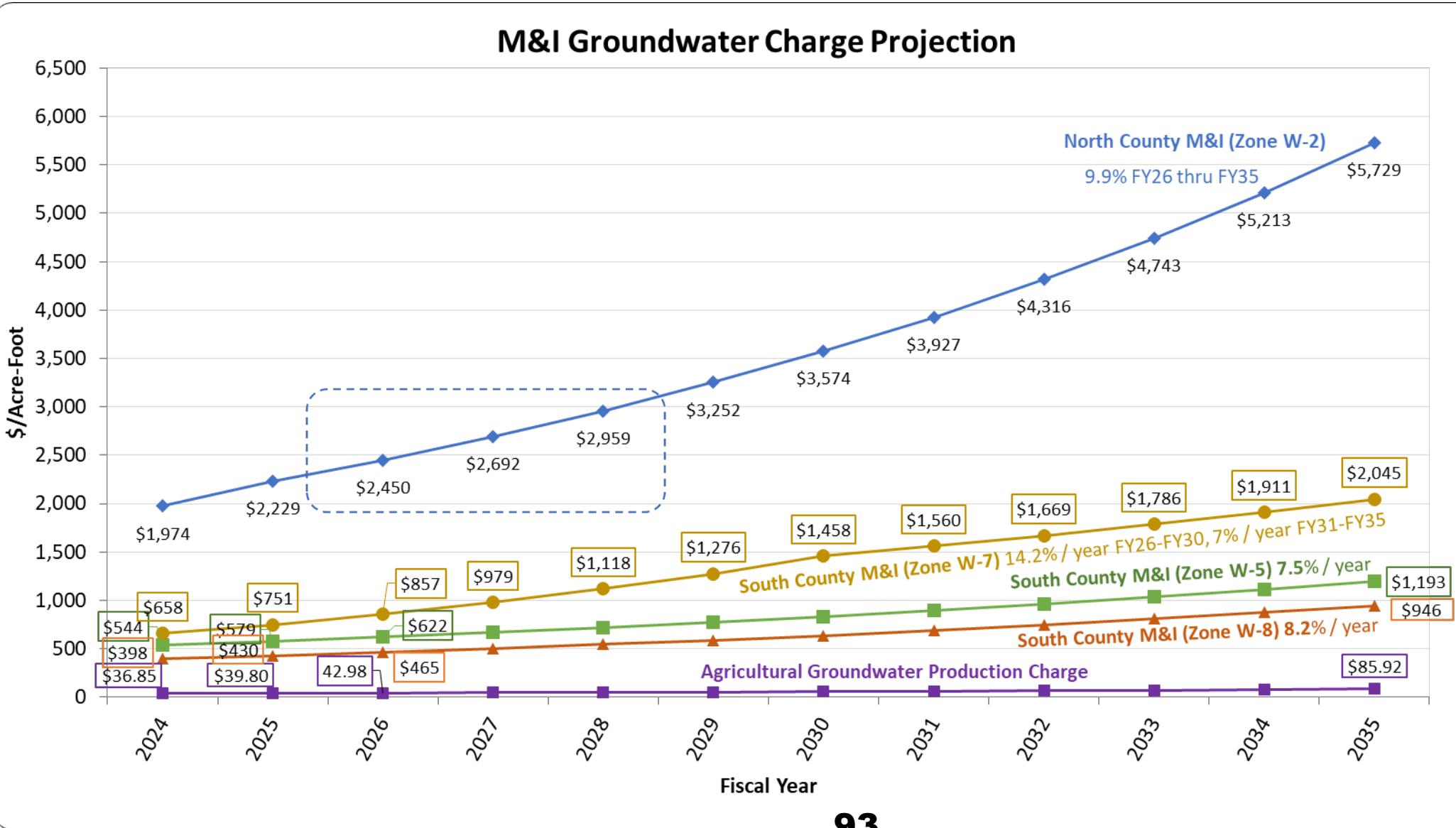
Program's Projects



Objectives:

1. Update Pipeline Maintenance Program and Environmental Impact Report for future efforts
2. Conduct dewatering and inspect Valley Water pipelines and tunnels
3. Assess condition; maintain, repair, and coat as necessary
4. Fix or replace distressed pipe sections
5. Update line valves, flow meters, and piping

Water Utility Fund 61 – Recommended Baseline Rate Projections



Reflects CIP Team Recommended baseline case for WUE Rate Projections.

FY26 Water Usage: 218kAF [Moderate Rebound]

Delta Conveyance Project

Pacheco & Anderson w/WIFIA

Ag @ 9.25% M&I Zone W-8

Sisk Dam Raise

[LVE Eliminated]

Rate Setting Strategy & Scenario Ideas for FY 2025-26

As discussed with the Board on 11/12/2024

Utilize the CIP Evaluation Team Recommended Baseline for the CIP Preliminary FY 2026-30 Five-Year Plan to model the following rate-setting scenarios:

Modified Baseline with –

- 1. No Pacheco Reservoir Expansion Project (PREP)**
- 2. No PREP partner funding**
- 3. 15% PREP partner funding**

CIP Preliminary FY 2026-30 Five-Year Plan (Recommended)

With changes from Adopted CIP FY 2025-29 Five-Year Plan

Fund	FY25-29 Adopted	FY26-30 Preliminary (Recommended)*	Change in Cost (±)
General Buildings & Grounds (Fund 11)	\$95.956M	\$100.485M	\$4.529M
Watersheds Stream Stewardship (Fund 12)	\$881.713M	\$927.735M	\$46.022M
Safe, Clean Water and Natural Flood Protection Program (Fund 26)	\$1.257B	\$1.334B	\$77.317M
Water Utility Enterprise (Fund 61)	\$7.293B	\$7.915B	\$621.923M
Information Technology (Fund 73)	\$42.371M	\$55.252M	\$12.881M
Totals:	\$9.570B	\$10.332B	\$762.672M

Recommended CIP Preliminary FY 2026-30 Five-Year Plan Includes:

- *CIP Evaluation Team Recommendations*
- *Cost increases/decreases resulting from inflation*
- *Board approved project closures in FY 25*

* FY 2026-30 Preliminary Recommended totals are estimated based on recommendations and will be updated for 1/14/25 Board meeting.

CIP Preliminary FY 2026-30 Five-Year Plan (Baseline vs. Recommended)

Fund	FY26-30 Preliminary (Baseline)	FY26-30 Preliminary (Recommended)*	Change in Cost (±)
General Buildings & Grounds (Fund 11)	\$96.172M	\$100.485M	\$4.313M
Watersheds Stream Stewardship (Fund 12)	\$964.844M	\$927.735M	-\$37.109M
Safe, Clean Water Program (Fund 26)	\$1.251B	\$1.334B	\$82.982M
Water Utility Enterprise (Fund 61)	\$7.364B	\$7.915B	\$551.463M
Information Technology (Fund 73)	\$15.64M	\$55.252M	\$39.612M
Totals:	\$9.692B	\$10.332B	\$641.261M

**The estimated recommended preliminary totals do not incorporate all pending project plan updates reflected on slide 8, only those included in the CIP Evaluation Team Recommendations. Those not included will be incorporated and modeled for the January 14, 2025, Board Meeting.*

Initially Validated and Currently Unfunded Projects

Project Name	Estimated Total Project Cost (\$ thousands w/inflation)	Phase	Potential Funding Source	FY 2024-25 Funding Category	CIP Evaluation Team Recommendations
FY 2023-24 Initially Validated Projects					
Coyote Dam Seismic Retrofit	\$406,400	Planning	Fund 61	Category 1 - Existing Infrastructure	Include in the funded CIP FY26-30 Five-Year Plan
Pipeline Maintenance Program*	\$55,375	Plan/Design/Const.	Fund 61	Category 2 - Existing Infrastructure	Include in the funded CIP FY26-30 Five-Year Plan
Almaden-Calero Canal Rehabilitation - Phase II	\$12,950	Planning	Fund 61	Category 3 - Existing Infrastructure	Move to the unfunded list
Enterprise Resource Planning (ERP) System Replacement	\$33,508	Planning	Fund 73	Category 3 - Existing Infrastructure	Include in the funded CIP FY26-30 Five-Year Plan
Current Unfunded Projects					
Llagas Creek - Lower, Capacity Restoration, Buena Vista Road to Pajaro River	\$98,831**	Planning	Fund 12	Category 1 - Existing Infrastructure	Re-validate following emergency repair work
Permanente & Hale Creek Concrete Replacement	\$20,810	Planning/Design	Fund 12	Category 1 - Existing Infrastructure	Remain on the unfunded list until FY28
Calabazas/San Tomas Aquino Creek Marsh Connection - Construction (ONLY)	\$34,562	Construction	Fund 12	Category 2 - Existing Infrastructure	Remain on the unfunded list pending available funding/resources
Pond A4 - Phase 2 (Construction ONLY)	\$32,128	Construction	Fund 12	Category 3 - NEW Infrastructure	Remain on the unfunded list pending available funding/resources
South Babb Flood Protection - Long-Term	\$22,070	Planning	Fund 12	Category 3 - Existing Infrastructure	Remain on the unfunded list pending available funding/resources
Alamitos Operable Dam Replacement	\$13,889	Planning	Funds 12/61	Category 3 - Existing Infrastructure	Remain on the unfunded list pending available funding/resources
Palo Alto Purified Water Project (PAPWP)	\$1,097,076***	Planning	Fund 61	Category 3 - NEW Infrastructure	Remain on the unfunded list pending available funding/resources

* Renewal of the 10-yr Pipeline Inspection and Rehabilitation Project (sunsets in FY28)

Attachment 5 - Page 31 of 33

** Llagas Capacity has prior year actuals = \$6,947, TPC = \$105,778 **97**

*** PAPWP Fund 61 unfunded cost is \$14,633,000; Public Private Partnership (P3 contribution for PAPWP) is \$1,082,443,000

Next Steps: Integrated Financial Planning Schedule

REF #	MEETING		MILESTONE
	CIP CMTE	BOARD	
1	9/16/24		Annual CIP Development Process Overview/Funding Filters for Prioritization Presentation/Integrated Financial Planning Calendar/Review of CIP FY25-29 Five-Year Plan Projects by Category
2		10/08/24	Annual CIP Development Process Overview/Funding Filters for Prioritization Presentation/Integrated Financial Planning Calendar/Review of CIP FY25-29 Five-Year Plan Projects by Category
3	11/1/24		New Initially Validated & Unfunded Projects Presentation
4		11/12/24	New Initially Validated & Unfunded Projects Presentation/Receive Board Feedback Regarding CIP FY25-29 Five-Year Plan Projects, and New & Unfunded Projects for Inclusion in CIP Preliminary FY26-30 Plan Water Rate Planning Overview
5		11/26/24	Biennial Budget Process Overview
6	12/16/24 		CIP Preliminary Five-Year Plan Funding Workshop (Financial Modeling & CIP Updates From Adopted FY25-29 Plan)
7		1/14/25	Five-Year WS & WU O&M Plans CIP Preliminary 5-yr Plan Workshop (Financial Modeling & Significant Updates); Board to Provide Direction CIP SCW/WS Preliminary 10-yr Financial Analysis Preliminary Water Rate Analysis & Scenarios
8		1/28/25	SCW Public Hearing (If Required) 1st Pass Budget Update
9		2/25/25	Draft CIP (Authorize to Distribute for Public Review)
10		3/11/25	2nd Pass Budget Update
11		4/8/25	Ground Water Charge Public Hearings Begin CIP Public Hearing Begins (Optional Date 4/23)
12		4/10/25	Ground Water Charge Public Hearing in South County (Gilroy)
13		4/22/25	Ground Water Charge Public Hearings Close
14		4/23/25	Budget Work-study Session
15		5/13/25	Board Adoption of Water Rates, CIP, Budget, Investment and Debt Resolutions (w/Final CIP and Budget Reports Completed by 6/30/2025)
16		6/30/24	FY25 Rate Notifications: Website and Mailers (Retailers and All Customers)

LEGEND
CIP
Budget
Water Rates
Safe Clean Water (SCW)
Asset Management (AM)

CIP Five-Year Plan Available Online

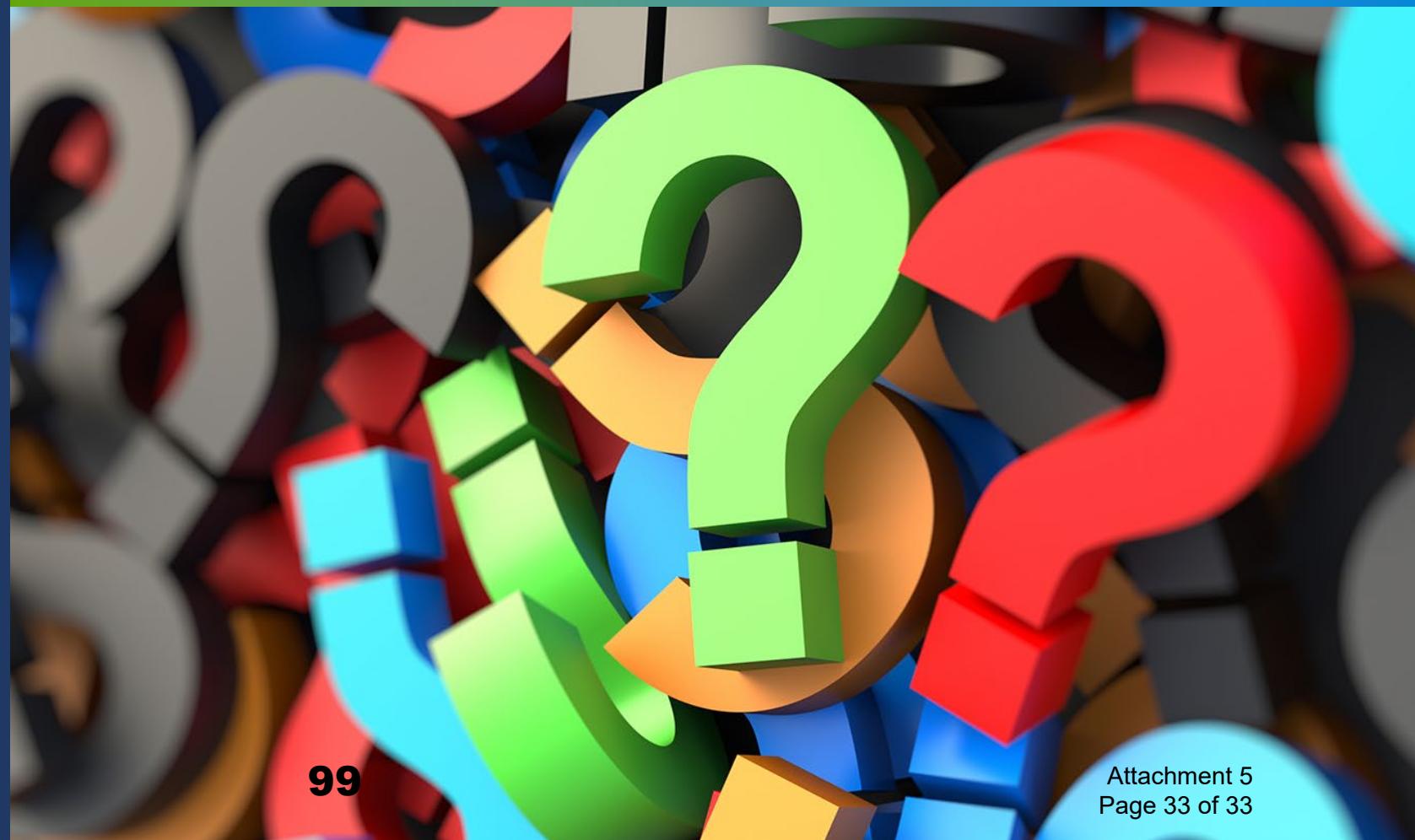
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Or visit this website:
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END OF PRESENTATION

Questions & Answers



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Attachment 6: Capital Improvement Program (CIP) Projects with Federal Funding

CIP FY 2025-29 Five-Year Plan				Federal Funding				
Fund	Project Number	Project Name	Total Project Cost (\$K)	WIFIA Loan (\$K)	USACE Partnership (\$K)	Grants		
						DWR (\$K)	USBR (\$K)	NRCS (\$K)
12	40174004	Berryessa Ck, Lower Penitencia Ck to Calaveras Blvd Phs 1	\$ 48,591			\$ 15,000		
12	40334005	Lower Penitencia Ck Improvements, Coyote Ck to Berryessa Ck	\$ 35,522			\$ 5,000		
12/26	00044026	San Francisco Bay Shoreline	\$ 117,324		\$ 91,250	\$ 6,000		
26	26074002	Sunnyvale East and West Channels (E2)	\$ 57,786	\$ 146,663				
26	26174043	Coyote Creek, Montague Expressway to Tully Road (E1)	\$ 221,131					
26	26324001	Upper Penitencia Ck, Coyote Ck-Dorel Dr, Corps (E4)	\$ 12,095		\$ 102,720			
26	26174041	Berryessa Ck, Calaveras-I-680 - Corps	\$ 36,745		\$ 13,600			
26	26174055	Llagas Creek-Phase 2B Construction	\$ 89,600					\$ 80,000
26	26284002	San Francisquito Creek - Construction, SF Bay to Middlefield Road (E5)	\$ 101,803		\$ 3,000	\$ 11,040		
61	91094009	South County Recycled Water Pipeline - Short-Term Implementation Phase 1B	\$ 42,846				\$ 6,995	
61	91864005	Anderson Dam Seismic Retrofit (C1)	\$ 1,899,156	\$ 579,408				
61	91864009	Coyote Percolation Dam Replacement	\$ 17,736					
61	91864010	Cross Valley Pipeline Extension	\$ 11,902			\$ 5,817		
61	91954002	Pacheco Reservoir Expansion Project (A1)	\$ 2,749,314	\$ 1,449,000				
Totals:			\$ 5,441,549	\$ 2,175,071	\$ 210,570	\$ 42,857	\$ 6,995	\$ 80,000

WIFIA = Water Infrastructure Finance and Innovation Act

USACE = U.S. Army Corps of Engineers

DWR = Department of Water Resources

USBR = U. S. Bureau of Reclamation

NRCS = Natural Resources Conservation Service

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Santa Clara Valley Water District

File No.: 24-0658

Agenda Date: 12/16/2024

Item No.: 4.2.

COMMITTEE AGENDA MEMORANDUM Capital Improvement Program Committee

Government Code § 84308 Applies: Yes No
(If "YES" Complete Attachment A - Gov. Code § 84308)

SUBJECT:

Receive and Discuss Information Regarding the Status of Capital Projects in the Construction Phase.

RECOMMENDATION:

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

SUMMARY:

The 2024 Work Plan for the Board Capital Improvement Program Committee (Committee) includes monitoring of capital projects during all phases of development. Staff will present a list of active projects at each Committee meeting and provide detailed information on those where potential and/or significant issues have been identified. The projects presented for discussion will be organized by phases: planning/feasibility; design/permitting; and construction. Staff will present projects to the Committee for review one phase at a time. Projects currently in the construction phase are being presented at this Committee meeting. Other attachments may be included to provide more detail on other items associated with these projects.

Attachment 1 Capital Project Monitoring Report is a list of projects in the construction phase. A verbal report will be provided at the meeting with more detailed information about recent developments on the projects listed in Attachment 1.

ENVIRONMENTAL JUSTICE IMPACT:

There are no environmental justice and equity impacts associated with this report. This action is unlikely to or will not result in human health or environmental impacts and is not associated with an equity opportunity.

ATTACHMENTS:

Attachment 1: Capital Project Monitoring Report - Construction Phase

UNCLASSIFIED MANAGER:

Emmanuel Aryee, 408-630-3074
Ryan McCarter, 408-630-2983
Bhavani Yerrapotu, 408-630-2735
Cecil Lawson, 408-630-2424

Capital Project Monitoring Report – December 2024

Row	Project No.	Project Name	Status	Construction Phase		CM Services		
				Notes, Upcoming Board Actions or potential issues		Deputy's Initials	In house	External
<u>Water Supply</u>								
1	95084002	10-Year Pipeline Inspection and Rehabilitation Project (Santa Clara Conduit - Phase 2)	Construction	The contractor continues to work on non-shutdown work. Due to changes in the specification requirements of the proposed electrical generator, construction completion is currently anticipated for spring 2025.		EA	X	
2	95084002	10-Year Pipeline Inspection and Rehabilitation Project (Snell)	Construction	The contractor continues to work on non-shutdown work. Construction completion is anticipated for January 2025.		EA	X	
3	93294058	Rinconada WTP Residuals Remediation	Construction	Equipment testing, startup, and the 30-day commissioning testing have been completed. The new solids handling facilities have gone into service. The Final Inspection was conducted on October 4, 2024. The Board approved the Notice of Completion and Acceptance of Work on November 12, 2024.		EA	X	
4	93284013	Santa Teresa Water Treatment Plant Filter Media Replacement Project	Construction	As of October 2024, eight out of twelve filters had been replaced. Currently, the contractor is working on the last set of filters, with activities such as installation of new equipment, nozzles, and filter media. Work on the last set of filters is expected to begin in January 2025, with construction completion anticipated for early 2025.		EA	X	
5	91094009	South County Recycled Water Pipeline	Construction	The final punch list is being negotiated with the City of Gilroy as part of the encroachment permit closeout process. The new PG&E electrical service was energized in October 2024. Stage 1 (civil) construction completion is anticipated for early 2025. Valley Water executed right-of-way agreements with Green Valley Corp in October 2024. Phase 1C construction will begin in April 2025.		EA	X	
6	93294057	Rinconada WTP Reliability Improvement (Phases 3-6)	Construction	The contractor has completed placement of aggregate base for the Chlorine Contact Basin (CCB), installation of rebar and concrete for the CCB foundation slabs and began constructing the basin walls. The contractor completed the installation of the 66" pipe for the Filter Building and continued the installation of the 48" and 24" pipes. Filter gallery foundation slabs were also completed, and work has begun on the building walls.		EA		X
7	91864006	Anderson Dam Tunnel (FOCP)	Construction	Staff also completed multiple posts on the social media app Nextdoor, providing project information to the neighbors for the work in fall 2024, and held a successful public meeting and tour on October 10, 2024. Re-planting of the trees along the hillside was completed in September. The Micro-Tunnel Boring Machine (MTBM) operation was completed, concluding both excavation and pipe installation. Subsequently, the contractor grouted and welded the MTBM pipes, installed the pipe tie-down strap, retrieved the MTBM from the reservoir, and installed the trash rack within the reservoir. Preparations are now underway to place the tunnel's final lining. Construction of the Diversion Outlet Structure, North Channel Weir, and the tunnel articulated joint mockup have been completed. Concurrently, work is progressing on the Coyote Creek North Channel and its North Channel Extension.		RM		X

8	91864010	Cross Valley Pipeline Extension (FOCP)	Construction	Successful commissioning was completed by Valley Water staff on October 3, 2024. A Board date for Notice of Completion and Acceptance of Work has yet to be determined.	RM	X
9	91864008	Coyote Creek Chillers Plant (FOCP)	Construction	Construction is in progress. The modular chiller plant is scheduled for delivery in December 2024. This has delayed the remaining project milestones. Construction completion is currently anticipated for spring 2025.	RM	X
10	91864007	Coyote Creek Flood Management Measures (FOCP)	Construction	The Board of Directors awarded the construction contract on May 16, 2023. All steel sheet pile floodwalls have been constructed as of the end of June 2024. Installation of flood doors/gates, concrete architectural encasement work for the steel sheet pile floodwalls, and site restoration work is ongoing. Construction is scheduled for completion by the end of December 2024 and will be followed by a three-year plant establishment and maintenance period.	BY	X
11	91864009	Coyote Percolation Dam Replacement (FOCP)	Plant Est.	The in-creek improvements, including the new rubber dam installation, fish ladder weir gates, and rock slope protection, were completed in early December 2023. Several break-ins occurred in June and July that damaged electrical facilities. The electrical repairs are underway and security enhancements are being installed by the contractor to prevent future break ins. PG&E's work to provide new electric service is expected to be delayed due to their late request for an easement from Santa Clara County. The contractor will perform all other construction work not impacted by PG&E electric service. The electrical repairs and security enhancements are anticipated to be completed by December 2024.	BY	X
Flood Protection						
12	40174005	Berryessa Creek, Calera Creek to Calaveras Blvd, Phase 2	Plant Est.	On June 27, 2023, the Board accepted the civil work as complete on the Lower Calera Creek Flood Protection Project (Stage #1). The three-year plant establishment and maintenance phase (Stage #2) has begun and is anticipated to be completed by February 2026. The punch list items for the waterline leak repairs were completed in April 2024, and final change order negotiations with the contractor were completed in October 2024.	BY	X
13	26174051 26174052 26174054 26174055	Llagas Creek – Upper, Buena Vista Avenue to Llagas Road (SCW E6)*	Construction	The construction contract for Phase 2A was awarded in the summer of 2021, with construction activities wrapping up in the coming weeks. Staff is negotiating the final change orders on the project with a Notice of Completion to be considered by the Board of Directors in the next couple of months. Phase 2B was advertised in May 2024. The Board of Directors awarded the Phase 2B construction contract at the August 13, 2024, meeting. Phase 2B began construction on September 9, 2024, and is expected to be completed in March 2027, followed by a three-year plant establishment phase.	BY	Phase 1 Phase 2A
14	62084001	Watershed Asset Rehabilitation Program (WARP)	Plant Est.	All civil construction work (Milestones 1 and 2) for the Calabazas Creek Rehabilitation Project (Bollinger Road to Miller Avenue) was completed and Staff completed negotiations on the final change orders on the contract. The Board will consider the Notice of Completion for this project on November 26, 2024	BY	X

15	00044026	San Francisco Bay Shoreline	Construction	Construction of levees in Reaches 1-3, located between the Alviso Marina and U.S. Fish and Wildlife Service Don Edwards San Francisco Bay National Wildlife Refuge Environmental Education Center, is ongoing. The US Army Corps of Engineers (USACE) awarded the construction contract, and work began on December 6, 2021, and is anticipated to be completed in summer 2025. The levee has now been built to the new design height.	BY	N/A	USACE Const.	
<u>Buildings & IT</u>								
16	73274009	Data Consolidation	Construction	The Human Resources Division (HR) implemented Hyland's OnBase enterprise information platform and scanned their paper archives. This effort digitized over 80 document types into a new paperless system. HR went live with the system in June 2023. The project team is working to determine the most efficient repository for Community Projects Review Unit documents moving forward.	CL	N/A	N/A	N/A
17	73274002	ERP System Implementation	Construction	The project team is now developing requirements for the replacement of the Infor ERP system. The initial focus is on replacing the Timekeeping/Payroll and Expense Management systems and procurement subsystems	CL	N/A	N/A	N/A

*This project meets the commitments of the voter-approved Safe, Clean Water Program (SCW). For a full description of the SCW benefits and KPIs, please visit www.valleywater.org.

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Santa Clara Valley Water District

File No.: 24-0663

Agenda Date: 12/16/2024

Item No.: 4.3.

COMMITTEE AGENDA MEMORANDUM Capital Improvement Program Committee

Government Code § 84308 Applies: Yes No
(If "YES" Complete Attachment A - Gov. Code § 84308)

SUBJECT:

Receive Information on Change Orders to Anderson Dam Tunnel Project Construction Contract.

RECOMMENDATION:

Receive information on Change Orders to Anderson Dam Tunnel Project Construction Contract

SUMMARY:

During the May 17, 2021, Capital Improvement Program (CIP) Committee meeting, staff provided an update on the Anderson Dam Tunnel Project (ADTP) No. 91864006. The Committee requested staff provide monthly change order status updates after construction of the ADTP commences on July 7, 2021.

Project Background

Santa Clara Valley Water District (Valley Water) is undertaking the Anderson Dam Federal Energy Regulatory Commission Order Compliance Project (FOCP) as a result of the February 20, 2020, directive from the Federal Energy Regulatory Commission (FERC) to implement interim risk reduction measures at Anderson Dam. One of those measures is the ADTP.

On April 27, 2021, Valley Water's Board of Directors awarded the construction contract for the ADTP to the top-ranked, best-value proposer, Flatiron West, Inc. (Flatiron), in the sum of \$161,140,321 and approved a contingency amount of \$40,000,000 (25% of the contract price). The Board directed staff to discuss delegating authority for contingency expenditures with the CIP Committee.

By unanimous roll call vote at its May 17, 2021, meeting, the Committee approved recommending to the full Board that it consider delegating authority to staff to approve change orders for the ADTP at the amounts stated below and that the CIP Committee receive regular monthly reports with information regarding approved change orders, pending change orders, and the cumulative amounts. Valley Water's Board of Directors accepted the CIP Committee recommendations at its regular

meeting on May 25, 2021.

Delegated Approval Authority

Unit Manager: Up to \$100,000

Assistant Operating Officer: Up to \$250,000

Deputy Operating Officer: Up to \$500,000

Assistant Chief Executive Officer: Up to \$2.5 million

Chief Executive Officer: Up to \$5 million

Board of Directors: \$5 million and above

Construction Contract Change Orders Status

There are two new Contract Change Orders (CCO No. 42 and No. 43) to present to the CIP Committee. The estimated value of CCO No. 42 is \$1,271,839.85 and CCO No. 43 is \$2,200,000.00. Two attachments, providing information on construction contract change orders (Attachment 1) and construction contract financials (Attachment 2), are included for reference.

Contract Change Order #42

- 1. Migratory Bird LSAA Impact Price Adjustment** - This change includes a re-negotiated unit rate for Bid Item 2i - Migratory Birds, to account for additional Lake or Streambed Alteration Agreement (LSAA) requirements from the California Department of Fish and Wildlife, issued as part of Contract Document Clarification 002.2. The re-negotiated unit rate of \$16,111.59/month will apply from July 2024 through January 2025, aligning with TIA 04, for a total of 7 months. Since CCO 014 and 040 already provide compensation at the original \$10,000.00/month through January 2025, this change order will provide compensation for the difference of \$6,111.59 per month resulting from the revised unit rate. This portion of the change order is valued at \$42,781.13.
- 2. Bid Item 11a - Other Wildlife and Fish Species Allowance Increase** - The allowance increase for Bid Item 11a - Other Wildlife and Fish Species, ensures continued necessary environmental services and reimburses the Contractor for the actual costs incurred by qualified biologists while performing work in accordance with Specification Section 19.09 - Other Wildlife and Fish Species. The original contract had provided a fixed allowance of \$250,000.00 for this work, which was depleted in August 2023. Valley Water issued CCO 017 and 026, providing an additional allowance of \$445,080.00, which is nearly expended as of the August 2024 invoice. This change provides an additional allowance in the amount of \$110,000.00 to cover projected costs through January 2025, aligning with TIA 4, and ensures uninterrupted services. This portion of the change is valued at \$110,000.00.
- 3. 24-Inch & 96-Inch Steel Pipe Extension Installation Cost** - Valley Water issued CDC 048 to replace portions of the final concrete lining in the tunnel with steel pipes and Lightweight Cellular Concrete (LCC) backfill to mitigate schedule risk and cost impacts related to the future Anderson Dam Seismic Retrofit Project (ADSRP). As part of ADRSP, the Stage 2 diversion

system will require demolishing parts of the Stage 1 diversion system currently under construction for ADTP. By replacing reinforced concrete lining and articulated segments with steel pipes and LCC, this change eliminates the need for complex demolition during ADSRP. This adjustment simplifies future conditions, reducing the schedule duration for critical construction sequences and saving time and costs.

The additional work includes extending the steel pipes in the Microtunnel Boring Machine (MTBM) Operation Chamber and the Transition Zone. The space between the initial tunnel lining and the extended pipes will be backfilled with LCC. Specific details are as follows:

- Transition Zone: Replace 74 feet of tunnel concrete lining with 156-inch diameter steel pipes.
- MTBM Operation Chamber: Replace 122 feet of final lining with 96-inch diameter steel pipes
- Air Vent System: Extend and install 80 feet of 24-inch air vent piping in the MTBM Operation Chamber to ensure proper functionality.

Valley Water previously compensated the Contractor for the steel material cost for the 24-inch, 96-inch, and 156-inch steel pipe in CCO 038. This change will compensate the Contractor for the cost of installation of the 24-inch & 96-inch steel pipe extensions in the MTBM Operation Chamber per CDC 048. Installation of the 156-inch steel pipe in the Transition Zone will be addressed in a future change order. This portion of the change is estimated to be valued at \$1,642,547.00.

4. Time Impact Analysis 005 - This change addresses a time extension of 236 calendar days to the construction schedule, as determined by Time Impact Analysis (TIA) No. 005. The time extension is due to changes to the Coyote Creek North Channel scope of work, as outlined in CDC 007.3, which included design modifications to meet requirements from environmental resource agencies, including the State Water Resources Control Board, the National Marine Fisheries Service, and the U.S. Army Corps of Engineers. An agreement was reached with the Contractor to extend Milestone 9 and Milestone 10 by 236 calendar days. This change addresses only the time extension while associated costs will be addressed in a future CCO. This portion of the change is valued at \$0.00.

5. Bid Item Quantity Adjustment (8d) - This change adjusts the contract bid quantity for Bid Item 8d - Outlet Structure Controlled Low Strength Material (CLSM) Backfill, based on the final quantity of completed work in the field against the approximate quantities listed in the contract documents. The final quantity adjustment decreases the original bid item by approximately 1,046.98 cubic yards at the original unit rate of \$500.00 per cubic yard which results in a net credit of <\$523,488.28>.

Contract Change Order #43

1. Temporary Power for Tunneling Operations - This change resolves a settlement agreement between Valley Water and the Contractor concerning temporary power for tunneling operations. The Contractor, based on their interpretation of the Contract, priced their bid

assuming that permanent power would be available to use as temporary power for the tunneling operation. However, permanent power was not available or anticipated to be available at the start of tunneling operations. To prevent delays in commencing tunneling work, the Contractor supplied generator power and temporary electrical equipment, incurring additional costs which they claimed were Valley Water's responsibility.

Valley Water rejected the Contractors interpretation, maintaining that the intent of the Contract was for the Contractor to provide temporary power and that associated costs, including coordination efforts with PG&E, should have been included in the original bid. Valley Water also asserted there were delays by the Contractor that contributed to reliance on temporary electrical equipment. This dispute was ultimately brought to a Dispute Review Board (DRB), a 3-person panel of independent experts mutually appointed by Valley Water and the Contractor in accordance with Contract Specification Article 3.13 (Dispute Review Board); the DRB found that there was ambiguity in the Contract Documents related to temporary power and recommended compensating the Contractor for additional costs incurred.

The Contractor submitted an initial proposal requesting \$4,212,633.00 for all costs incurred related to temporary power. After multiple rounds of negotiations, including assessing the Contractor's responsibility for costs due to their own delays, a settlement of \$2,200,000.00 was reached.

ENVIRONMENTAL JUSTICE AND EQUITY IMPACT:

There are no environmental justice and equity impacts associated with this item. This action is unlikely to or will not result in adverse impacts and is not associated with an equity opportunity.

ATTACHMENTS:

Attachment A: Government Code §84308

Attachment 1: Construction Contract Change Orders Status

Attachment 2: Construction Contract Financial Status

UNCLASSIFIED MANAGER:

Ryan McCarter, 408-630-2983

Attachment A – Gov. Code § 84308

Receive Information on Change Orders to Anderson Dam Tunnel Project Construction Contract.

List of Parties and Their Agents/Representatives Known to Staff

<u>Organization Name</u>	<u>Name</u>	<u>Role</u>	<u>Location</u>
Flatiron West, Inc.	Shawn Golden	Vice President	2100 Goodyear Rd. Benicia, CA 94510

List of Participants and Their Agents/Representatives Known to Staff

<u>Organization Name</u>	<u>Name</u>	<u>Role</u>	<u>Location</u>

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Anderson Dam Tunnel Project
Construction Contract Change (CO) Order Status

CCO's Reviewed by CIP Committee

CCO #	CIP Committee Date	Approval Date	Description	Amount	Contingency Amount	Approval Level	Status
		4/27/2021	Original Contract	\$161,140,321.00	\$40,000,000.00	Board	
1	1/18/2022	12/16/2021	Additional Tree Removal, Protection and Relocation	\$460,250.41	\$39,539,749.59	DOO	Approved
2	2/14/2022	4/26/2022	Outlet Works Vertical Shaft Re-sizing	\$3,783,119.15	\$35,756,630.44	CEO	Approved
3	5/16/2022	5/17/2022	Water Quality Monitoring Equipment, Miscellaneous demolition, TCEAP VHF/UHF Radios	\$131,603.28	\$35,625,027.16	AOO	Approved
4	6/13/2022	6/30/2022	Tunnel and Miscellaneous Items from CDC-001/001.1, Remove Taber Drilling from Scope	\$386,801.98	\$35,238,225.18	DOO	Approved
5	6/13/2022	6/30/2022	Upsizing Soil Nail Rows D&E from #18 to #20	\$228,562.00	\$35,009,663.18	DOO	Approved
6	7/18/2022	8/6/2022	Increased Quantity of Diversion Portal Excavation, Assistance with Geological Investigations, Internet access to Trailer # 2, and Change of Infill material for High Level Outlet Works (HLOW) Shaft	\$63,063.32	\$34,946,599.86	UM	Approved
7	9/26/2022	10/31/2022	DOS Foundation Excavation - Revised Soil Nail Wall, and Additional Environmental Compliance for Water Quality Monitoring and Soil Testing	\$1,526,724.84	\$33,419,875.02	ACEO	Approved
8	10/18/2022	10/26/2022	Disposal of Regulated and Organic Material	\$80,000.00	\$33,339,875.02	UM	Approved
9	11/14/2022	11/18/2022	3-D Modeling of HLOW Shaft	\$101,101.00	\$33,238,774.02	AOO	Approved
10	12/12/2022	12/19/2022	Monitoring of Additional Piezometer, Supplementary Support for the Transition Zone, DOS Portal Conditions, Partnering	\$1,971,946.48	\$31,266,827.54	ACEO	Approved
11	2/13/2023	12/19/2022	Time Related Overhead Time Impact Analysis 002	\$2,515,330.18	\$28,751,497.36	CEO	Approved
12	2/13/2023	1/19/2023	Increased Quantity of Diversion Tunnel Excavation Class 5	\$1,800,000.00	\$26,951,497.36	ACEO	Approved
13	2/13/2023	2/24/2023	Diversion Outlet Structure (DOS) Energy Dissipation Chamber Grated Access Opening	\$26,000.00	\$26,925,497.36	UM	Approved
14	3/20/2023	4/03/2023	Increased Quantity for 18.5 Foot Diameter Tunnel Excavation Class 5, Increased Quantity for Bid Item No. 2h, 2i, 2j, 2k. Decreased Quantity for Bid Item No. 5a and 5b.	\$156,000.00	\$26,769,497.36	AOO	Approved
15	3/20/2023	4/18/2023	Diversion Outlet Structure CLSM Saturday Premium Time, Diversion Portal Soil Nail Wall Condition	\$436,753.65	\$26,332,743.71	DOO	Approved
16	4/10/2023	5/12/2023	Surge Protection Device for Main Switchgear, CDC 015 Water Quality Instrumentation, Tree Trimming for Pacific Gas & Electric Pole Relocation	\$84,200.00	\$26,248,543.71	AOO	Approved
17	4/10/2023	5/12/2023	Increased Bid Item No. 11A Allowance - Other Wildlife and Fish Species, Specification Section 19.09	\$145,080.00	\$26,103,463.71	AOO	Approved
18	5/15/2023	5/30/2023	Traffic Support for Press Event	\$2,023.00	\$26,101,440.71	AOO	Approved
19	6/30/2023	5/25/2023	Increase Bid Item No. 5x Tunnel Excavation in Transition Zone - Class 5	\$994,500.00	\$25,106,940.71	ACEO	Approved
20	6/30/2023	8/10/2023	18" Hydro Return Line Decommissioning, Low Level Outlet Tunnel Steel Sets Enlargement, DPP8 Boring Survey Assistance, Air Vent Pipe Procurement, CDC 007.3 North Channel FWI Scope 2023, CDC 007.3 North Channel DTDS Scope 2023.	\$1,175,413.01	\$23,931,527.70	ACEO	Approved

Anderson Dam Tunnel Project
Construction Contract Change (CO) Order Status

CCO #	CIP Committee Date	Approval Date	Description	Amount	Contingency Amount	Approval Level	Status
21	6/30/2023	7/26/2023	Time Related Overhead Time Impact Analysis 003	\$884,042.66	\$23,047,485.04	ACEO	Approved
22	8/21/2023	7/31/2023	Additional Shotcrete in the Transition Zone, Increase in Bid Item No. 5g – Transition Zone Rock Bolts	\$424,016.00	\$22,623,469.04	DOO	Approved
23	8/21/2023	9/27/2023	Anderson Force Main Galvanic Cathodic Protection, Air Vent Pipe Installation	\$573,874.58	\$22,049,594.46	ACEO	Approved
24	10/16/2023	11/21/2023	Micro-Tunnel Boring Machine (MTBM) Lake Tap Tie Down, Reservoir Log Boom Relocation	\$108,205.00	\$21,941,389.46	AOO	Approved
25	10/16/2023	11/27/2023	North Channel Tree Removal, Allowance Increase for Additional Environmental Compliance for Water Quality Monitoring and Soil Testing, Access Hatch for HLOW Shaft.	\$848,456.00	\$21,092,933.46	ACEO	Approved
26	11/13/2023	12/23/2023	Quantity Increase for Bid Item No. 5d – 24 Foot Diameter Tunnel Excavation Class 3, Quantity Increase for Bid Item No. 5g – Transition Zone Rock Bolts, Allowance Increase for Bid Item No. 11a – Other Wildlife and Fish Species Increase, V-Ditch Extension at 460, Winterization of North Channel Dike 2023	\$833,772.00	\$20,259,161.46	ACEO	Approved
27	12/11/2023	1/04/2024	Cost Increase for DOS Foundation Excavation – Revised Soil Nail Wall, Quantity Increase for Bid Item No. 5r – Pre-excavation Drilling Within Rock Tunnel.	\$1,341,261.43	\$18,917,900.03	ACEO	Approved
28	12/11/2023	1/19/2024	Quantity Increase for Bid Item 4c Lake-Tap Excavation (Dredging) Microtunnel Boring Machine Landing Pad	\$570,375.00	\$18,347,525.03	ACEO	Approved
29	1/22/2024	12/26/2023	Bid Item Increase 5o - Probing within Rock Tunnel	\$370,800.00	\$17,976,725.03	DOO	Approved
30	1/22/2024	2/14/2024	Revised Motor Control Center (MCCA) Schedule, Additional Telemetry Pull Box, Material Escalation due to Delay in Issuing Notice to Proceed (NTP) 2A/2B, Credit for Hoot Owl Way Landslide Supplemental Work.	-\$1,822,581.61	\$19,799,306.64	ACEO	Approved
31	2/26/2024	3/20/2024	Cost increase for North Channel Dewatering Wells, 2024 Reservoir Log Boom Relocation Allowance, Alternative Initial Lining - Sawtooth Design Method, Concrete Abrasion Testing, Allowance for Trash Rack Foundation Design Changes	\$1,457,191.11	\$18,342,115.53	ACEO	Approved
32	3/18/2024	4/09/2024	Additional Cost for Diversion Outlet Structure (DOS) Rock Anchors Installation, Geological and Phytophthora Test Pits	\$163,736.00	\$18,178,379.53	AOO	Approved
33	4/22/2024	6/17/2024	Diversion Outlet Structure Roof Top Baffle, Articulated Joint Mockup	\$1,082,734.00	\$17,095,645.53	ACEO	Approved
34	5/20/2024	9/17/2024	North Channel Extension - Dewatering and Dike Design Submittals	\$47,435.00	\$17,048,210.53	UM	Approved
35	4/22/2024	7/05/2024	Coyote Creek Modifications - North Channel	\$10,148,710.20	\$6,899,500.33	CEO	Approved
36	6/17/2024	TBD	Concrete Pad for Generator, Concrete Pad for Main Switchboard (MSA), Differing Site Condition for Dredging Operation	\$2,647,633.00	\$4,251,867.33	CEO	Pending
37	7/15/2024	9/13/2024	Middle Intake Modification, Bid Item Quantity Adjustment (5e, 5o, 5r, 5s, 5t, 5u, 5v), Seismic Pipe Material Deduction	-\$14,948,984.00	\$19,200,851.33	ACEO	Approved

Anderson Dam Tunnel Project
Construction Contract Change (CO) Order Status

CCO #	CIP Committee Date	Approval Date	Description	Amount	Contingency Amount	Approval Level	Status
38	8/19/2024	9/28/2024	Bid Item 5c (18.5-foot Diameter Tunnel Excavation – Class 5) Overrun Unit Price Adjustment, Drilling Program Plan 09 (DPP 09) Phase 1, 24-in, 96-in, and 156-in Pipe Extension Material Cost	\$3,799,721.30	\$15,401,130.03	CEO	Approved
39	9/16/2024	11/07/2024	Drilling Program Plan 09 Phase 2, Diversion Outlet Structure Guardrail Kickplate, Time Related Overhead for Time Impact Analysis 004.	\$677,598.98	\$14,723,531.05	ACEO	Approved
40	11/01/2024	TBD	North Channel Hinge Riprap, Coyote Creek Modifications - North Channel Extension, North Channel Extension – Tree Removal and Storage Costs, Increase in Bid Quantity – Bid Item No. 2h, 2i, 2j, and 2k, Credit for Boat Marina Landslide Supplemental Work	\$427,945.00	\$14,295,586.05	ACEO	Pending
41	11/01/2024	TBD	Transition Zone Overrun & Underrun Unit Price Adjustments - Bid Item No. 5g, 5w and 5x, 3.75 to 1 Slope and Disposal Pile Erosion Control, Trash Rack Panel Design Change.	\$3,785,325.00	\$10,510,261.05	CEO	Pending
DCO #	CIP Committee Date	Approval Date	Description	Amount	Contingency Amount	Approval Level	Status
1	09/26/22	10/05/22	Milestone 7, 9, and 10 Completion Revisions	\$0.00	\$10,510,261.05	UM	Approved

New CCOs for CIP Committee

Pending CCO #	CIP Committee Date	Approval Date	Description	Amount	Contingency Amount	Approval Level	Status
42	12/16/2024	TBD	Migratory Bird LSAA Impact Price Adjustment, Bid Item 11a - Other Wildlife and Fish Species Allowance Increase, 24" and 96" Steel Pipe Extension Installation Cost, Time Impact Analysis 005, Bid Item Quantity Adjustment (8d)	\$1,271,839.85	\$9,238,421.20	ACEO	Pending
43	12/16/2024	TBD	Temporary Power for Tunneling Operations.	\$2,200,000.00	\$7,038,421.20	ACEO	Pending

Total COs
Approved
Total COs
Pending

42 Total \$29,489,738.95 \$10,510,261.05

2 Total \$3,471,839.85 \$7,038,421.20

Total Number of COs (Approved & Pending)	Total Amount of COs (Approved & Pending)
44	\$32,961,578.80

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Anderson Dam Tunnel Project - Construction Contract Financials

Bid Item No.	Description	Amount	Balance Remaining	Billing Through October 2024	
				Percent (%)	Amount
1	MOBILIZATION AND DEMOBILIZATION	\$ 16,150,000.00	\$ 1,782,750.00	89.0%	\$ 14,367,250.00
2	SITE PREPARATION	\$ 5,713,000.00	\$ 362,757.78	93.7%	\$ 5,350,242.22
3	DIVERSION PORTAL	\$ 6,173,496.00	\$ 261,886.40	95.8%	\$ 5,911,609.60
4	LAKE-TAP PORTAL	\$ 4,215,000.00	\$ 671,380.00	84.1%	\$ 3,543,620.00
5	TUNNEL EXCAVATION AND LINING	\$ 47,438,325.00	\$ 21,613,675.29	54.4%	\$ 25,824,649.71
6	SHAFT EXCAVATION AND LINING	\$ 10,100,000.00	\$ 4,336,360.00	57.1%	\$ 5,763,640.00
7	MICROTUNNEL	\$ 9,982,000.00	\$ 424,000.00	95.8%	\$ 9,558,000.00
8	DIVERSION OUTLET STRUCTURE	\$ 48,678,550.00	\$ 18,695,721.06	61.6%	\$ 29,982,828.94
9	COYOTE CREEK MODIFICATIONS	\$ 6,421,550.00	\$ 20,000.00	99.7%	\$ 6,401,550.00
10	SUPPLEMENTAL WORK ITEMS	\$ 5,668,400.00	\$ 2,260,000.00	60.1%	\$ 3,408,400.00
11	ALLOWANCES	\$ 600,000.00	\$ 140,095.89	76.7%	\$ 459,904.11
		Total Original Contract Amount	Total Balance Remaining	Percent (%) Billed	Total Billed To Original Contract Amount
		\$ 161,140,321.00	\$ 50,568,626.42	69%	\$ 110,571,694.58

CCOs	Description	Amount	Balance Remaining	Billing Through October 2024	
				Percent (%)	Amount
CCO 1-35, 37-39	CONTRACT CHANGE ORDERS (CCO)	\$ 22,628,835.95	\$ 7,156,497.76	68%	\$ 15,472,338.19
		Total Contract Amount Including CCOs	Total Balance Remaining Including CCOs	Total Percent (%) Billed Including CCOs	Total Billed Including CCOs
		\$ 183,769,156.95	\$ 57,725,124.18	69%	\$ 126,044,032.77

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Santa Clara Valley Water District

File No.: 24-1010

Agenda Date: 12/16/2024

Item No.: 4.4.

COMMITTEE AGENDA MEMORANDUM Capital Improvement Program Committee

Government Code § 84308 Applies: Yes No
(If "YES" Complete Attachment A - Gov. Code § 84308)

SUBJECT:

Receive Information on Upcoming Consultant Agreement Amendments for Capital Projects.

RECOMMENDATION:

Receive information on upcoming consultant agreement amendments for capital projects.

SUMMARY:

At the March 28, 2017 meeting, the Board of Directors approved revising the Capital Improvement Program (CIP) Committee's purpose to include monitoring the implementation progress of key projects in the CIP. At their June 29, 2020 meeting, the CIP Committee requested that this topic be added as a standing item on all future CIP Committee meeting agendas and that staff provide updates on consultant agreement amendments for capital projects, which may include modifications to scope, schedule, and/or budget.

There is one consultant agreement amendment for capital projects presented in this memorandum for the Committee's information:

- 1. Amendment No. 4 to Agreement A4296A with Vena Solutions Inc. for On-Call Enhancements and Support Services for the Capital Improvement Program Development and Biennial Budget process for Project Nos. 00074033 and 60221001 (Cost Increase) (L. Penilla)**

Staff will recommend Board approval of Amendment No. 4 to Agreement A4296A with Vena Solutions Inc. (Consultant) for On-Call Enhancements and Support Services for the Capital Improvement Program Development and Administration, Project No. 00074033 and Budget and Financial Analyses, Project No. 60221001 to increase the cost of the Agreement by \$404,000.00 for a new not-to-exceed fee of \$1,086,000.00 and extend the term from January 31, 2025 to January 31, 2029.

Agreement A4296A was approved in October 2019 as a sole-source on-call agreement to

augment the original Agreement A4020A with Vena Solutions, Inc., which was awarded as part of a competitive RFP process in August 2016. A4296A was enacted for additional Consultant support services for the Capital Improvement Program Development and the Budget and Financial Analysis projects. The Vena software was implemented in FY17 and continues to be refined. Financial information in Vena is currently synched with Valley Water's enterprise resource planning system, Infor. Additionally, the Consultant is providing integration support services for implementing Valley Water's new staff forecasting tool, Vemo, and the capital project management information system, Projectmates.

Amendment No. 4 will increase the NTE fee by \$404,000.00, allowing the Consultant to continue providing on-call software support on an as-needed basis.

Government Code § 84308 Applies: Yes No

Attachment 1, Administratively Approved Time-Only Extensions, includes information on consultant agreement term extension amendments already administratively approved.

Attachment 2, Consultant Agreement Amendments for WIFIA Requirements, contains a list of agreements that have been amended to include details on the Water Infrastructure Finance and Innovation Act (WIFIA) loan reimbursement requirements. Consultants working on projects that have been granted WIFIA loans are required to adhere to applicable federal contract provisions.

In 2023, Valley Water entered into three WIFIA Master Loan agreements with the U.S. Environmental Protection Agency (EPA) for the Safe Clean Water, Anderson, and Pacheco projects. The WIFIA program established a federal credit program authorizing the Environmental Protection Agency to provide direct loans and loan guarantees to eligible borrowers for water infrastructure projects. All contracts issued for a project receiving WIFIA loan funding are subject to federal requirements review as part of the WIFIA program's compliance monitoring. Valley Water's Treasury has requested that WIFIA-eligible agreements be amended to comply with WIFIA requirements.

ENVIRONMENTAL JUSTICE AND EQUITY IMPACT:

There are no Environmental Justice Impacts associated with this action.

ATTACHMENTS:

Attachment A: Government Code §84308

Attachment 1: Administratively Approved Time-Only Extension Amendments

Attachment 2: List of Projects with WIFIA Master Loan Language Amendments

UNCLASSIFIED MANAGER:

Darin Taylor, 408-630-3068

Luz Penilla, 408-630-2228

File No.: 24-1010

Agenda Date: 12/16/2024
Item No.: 4.4.

Kirsten Struve, 408-630-3138

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Attachment A
Government Code §84308

Approve Amendment No. 4 to Agreement No. A4296A, with Vena Solutions USA, Inc., to provide on-call financial budgeting services for the On-Call Enhancements and Support Services for the Capital Improvement Program Development Project No. 00074033, and Budget and Financial Analyses, Project No. 60221001, Agreement No. A4296A, CAS File No. 5027, for a Not-to-Exceed Fee of \$1,086,000 and extend the term from January 31, 2025 to January 31, 2029.

List of Parties and Their Agents/Representatives Known to Staff

<u>Organization Name</u>	<u>Name</u>	<u>Role</u>	<u>Location</u>
Vena Solutions USA, Inc.	Linda Neff	Vice President	2 Fraser Solutions, Suite 200 Toronto, ON M6K1Y6

List of Participants and Their Agents/Representatives Known to Staff

<u>Organization Name</u>	<u>Name</u>	<u>Role</u>	<u>Location</u>
Vena Solutions USA, Inc.	Jenny Caussel	Customer Success Manager	2 Fraser Solutions, Suite 200 Toronto, ON M6K1Y6
	Justin Chiu	Sponsor	Same As Above
	Mike Liu	Advisor/Manager	Same As Above
	Kevin Truong	Advisor/Manager	Same As Above
	Jenny Crawford	Advisor	Same As Above
	Jenny Caussel	Customer Success	Same As Above
	Tim Szego	Advisor	Same As Above
	Vickie Kwan	Secondary Consultant	Same As Above
	Serena Toromani	Secondary Consultant	Same As Above
	Yoni Admasse	Primary Consultant	Same As Above

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Time-Only Extension Amendments

Line No.	Status	Agreement No.	Amendment No.	Consultant	Service	CIP Project Name; Project No.	Current Expiration Date	Amended Expiration Date	Justification	Deputy's Initials
1. What caused the need for the proposed amendment?										
1	Executed	A4532A	1	Carollo Engineers	Water Treatment Plant Implementation Project	Water Treatment Plant Implementation; Project No. 93044001	9/28/2024	9/28/2025	The time extension is needed because the PEIR task could not be started until there was sufficient project development which extended the baseline project schedule.	LP
2	Executed	A3901G	7	HDR Engineering Inc.	Project Management Services	San Jose Purified Water Project-Phase 1, Project No. 91294001	12/31/2024	6/30/2025	This time-only extension is necessary for HDR Engineering to perform additional technical support of the San Jose DPR.	KS

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Consultant Agreement Amendments for WIFIA Requirements

#	Ageement No.	Amendment No. In Process	Firm Name	Project Name; Project No.	Agreement Name
1	A4215A	A2	AECOM Technical Services, Inc	Pacheco Reservoir Expansion Project; Project No. 91954002	Plan/Design/Env'l Doc Support for Pacheco Resv Expansion Project:
2	A4464A	A4	AECOM Technical Services, Inc	Coyote Creek, Montague Expressway to Tully Road (E1):	Design Services for Coyote Creek
3	A4705F	A2	Amah Mutsun Land Trust	Pacheco Reservoir Expansion Project; Project No. 91954002	Native American Monitoring for Pacheco Project
4	A3555Ak	A11	Black & Veatch	Anderson Dam Seismic Retrofit; Project No. 91864005	Project Management Services-Anderson Dam Seismic Retrofit
5	A4307A	A3	ESA Inc. (Environmental Science)	Multiple	On-Call Water Resources & Stewardship Planning/Design Svrs (Multiaward #2)
6	A3941A	A4	GEI Consultants, Inc.	Guadalupe Dam Seismic Retrofit - Design & Construct; Project No.	Design Services for Guadalupe Dam Seismic Retrofit Project
7	A4306A	A3	GEI Consultants, Inc.	Multiple	On-Call Water Resources & Stewardship Planning/Design Svrs (Multiaward #1)
8	A4396A	A3	GEI Consultants, Inc.	Multiple	On-Call Environmental Planning & Permitting Services
9	A4751A	A1	Ghiradelli Associates, Inc.	Coyote Creek Flood Management Measures; Project No. 91864007	A1 to Construction Mgmt Services-Coyote Creek
10	A4264A	A6	Haley & Aldrich	Multiple	On-Call Geotechnical Engineering (2019; Multiaward #2)
11	A4933A	A2	HT Harvey	Anderson Dam Seismic Retrofit; Project No. 91864005	Environmental Regulatory Permitting Support Services for ADSRP
12	A4579A	A1	Locus Technologies	Multiple	On-Call Environmental Site Assessment, Remedial Design, and Storm Water Mgmt and Engineering Svcs
13	A4774A	A1	Mark Thomas	Multiple	On-Call Structural Engineering Support Services (Multi-Firm Award-3 firms)
14	A4216A	A2	Mott Macdonald	Pacheco Reservoir Expansion Project; Project No. 91954002	Pacheco Reservoir Expansion Project - Program Management
15	A4619A	A1	OCMI	Multiple	On-Call Independent Cost Estimating & Constructability Review
16	A4860A	A2	Rincon Environmental	Anderson Dam Seismic Retrofit; Project No. 91864005	Environmental Planning Services for ADSRP
17	A4961F	A1	Risk Resources	Anderson Dam Seismic Retrofit; Project No. 91864005	Insurance Advisory Services for ADSRP
18	A4980A	A1	Stantec	Calero Dam Seismic Retrofit-Design & Construction, Project No.	Design Services for Calero Dam Seismic Retrofit Project
19	A4326G	A4	Stantec Consulting Services Inc	Pacheco Reservoir Expansion Project; Project No. 91954002	Add'l Funding Support for Pacheco Reservoir Project
20	A4932A	A1	Stillwater	Anderson Dam Seismic Retrofit; Project No. 91864005	Environmental Regulatory Permitting Support Services for ADSRP
21	A4791G	A2	Stockholm Environmental Institute	Anderson Dam Seismic Retrofit; Project No. 91864005	Planning & Modeling Services for the Anderson Reservoir Seismic Retrofit Project
22	A4227F	A4	Stockton Global Strategies	Multiple	On-Call Technical Services
23	A3639A	A5	URS Corp	Almaden Dam Improvements; Project No. 91854001	Planning and Environmental Services-Almaden Dam Improvement Project
24	A3676A	A10	URS Corp	Anderson Dam Seismic Retrofit; Project No. 91864005	Design Services for Anderson Dam Seismic Retrofit
25	A4337G	A5	VNF Solutions LLC	Anderson Dam Seismic Retrofit; Project No. 91864005	Advocacy & Engagement Services w-FERC
26	A4535F	A4	Water and Land Solutions, LLC	Pacheco Reservoir Expansion Project; Project No. 91954002	Analysis and Modeling Services-Pacheco Water Supply Project

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Santa Clara Valley Water District

File No.: 24-0654

Agenda Date: 12/16/2024

Item No.: 4.5.

COMMITTEE AGENDA MEMORANDUM Capital Improvement Program Committee

Government Code § 84308 Applies: Yes No
(If "YES" Complete Attachment A - Gov. Code § 84308)

SUBJECT:

Review 2024 and 2025 Capital Improvement Program Committee Work Plans and 2025 Proposed Meeting Schedule.

RECOMMENDATION:

- A. Review the 2024 Capital Improvement Program Committee Work Plan and make adjustments as necessary; and
- B. Confirm dates for the 2025 CIP Committee meetings.

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 in preparing 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 a recap of items discussed in 2024 and will be used to prepare the Committee's 2024 Annual Accomplishments Report. The draft Work Plan contained in Attachment 2 is presented for the Committee's review to determine topics for discussion in 2025.

Regular monthly meetings are scheduled to occur at 11:00 a.m., on the third Monday of each month or at the call of the Committee Chair. A calendar of proposed meeting dates contained in Attachment

3 is presented for the Committee's review and to confirm the meeting schedule for 2025. Some meeting dates have been adjusted in accordance with Valley Water's holiday schedule, pending Committee approval.

Establishing a work plan and meeting schedule are necessary to provide staff a basis for meeting planning and logistics coordination and agenda item preparation.

ENVIRONMENTAL JUSTICE AND EQUITY IMPACT:

There are no environmental justice and equity impacts associated with this item. This action is unlikely to or will not result in human health or environmental effects.

ATTACHMENTS:

Attachment 1: 2024 CIP Committee Work Plan

Attachment 2: 2025 CIP Committee Work Plan

Attachment 3: Proposed 2025 CIP Committee Meeting Dates

UNCLASSIFIED MANAGER:

Candice Kwok-Smith, 408-630-3193

CIP Committee 2024 Work Plan

	<u>Jan</u>	<u>Feb</u>	<u>Mar</u>	<u>Apr</u>	<u>May</u>	<u>Jun</u>	<u>Jul</u>	<u>Aug</u>	<u>Sep</u>	<u>Oct</u>	<u>Spec/Mtg on 11/1</u>	<u>Nov</u>	<u>Dec</u>
Capital Project Monitoring													
Feasibility/Planning	X			X		X				X			
Design/Permitting		X			X			X			X		
Construction	X		X			X			X			X	
Environmental Permit Compliance (Post Construction)						X							
CIP Implementation													
Construction Contractor Compliance		X											
Headquarters Operations Building Planning		X											
Construction Activities Carbon Footprint										X			
Master Plan/Implementation Projects				X	X								
Dam Safety Program Strategy							X						
Almaden Valley Pipeline Replacement								X					
Anderson Dam Seismic Retrofit Project Procurement Plan									X				
10-Year Pipeline Inspection and Rehabilitation Project													
Almaden Dam Fiscal Analysis													
CIP Development													
CIP Development Process										X			
• Annual CIP Development Process, Integrated Financial Planning, and Review of CIP FY2025-29 Five-Year Plan Projects by Category													
• Review of Initially Validated and Unfunded Projects											X		
CIP Preliminary Five-Year Plan Review												X	
• Review Significant Project Plan Updates												X	
Standing Items													
Anderson Dam Tunnel Project Contingency and Change Order Monitoring	X	X	X	X	X	X	X	X	X	X		X	
Upcoming Consultant Agreement Amendments	X	X	X	X	X	X	X	X	X	X		X	
Workplan	X	X	X	X	X	X	X	X	X	X		X	
Minutes	X	X	X	X	X	X	X	X	X	X		X	
Annual Election of Committee Officer					X								

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CIP Committee 2025 Work Plan

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Capital Project Monitoring												
Feasibility/Planning	X			X			X			X		
Design/Permitting		X			X			X			X	
Construction			X			X			X			X
Environmental Permit Compliance (Post Construction)						X						
CIP Implementation												
Master Plan/Implementation Projects				X								
10-Year Pipeline Inspection and Rehabilitation Project												
Almaden Dam Fiscal Analysis												
CIP Development												
CIP Development Process												
• Annual CIP Development Process, Integrated Financial Planning, and Review of CIP FY2025-29 Five-Year Plan Projects by Category									X			
• Review of Initially Validated and Unfunded Projects										X		
CIP Preliminary Five-Year Plan Review											X	
• Review Significant Project Plan Updates											X	
Standing Items												
Anderson Dam Tunnel Project Contingency and Change Order Monitoring	X	X	X	X	X	X	X	X	X	X	X	X
Upcoming Consultant Agreement Amendments	X	X	X	X	X	X	X	X	X	X	X	X
Workplan	X	X	X	X	X	X	X	X	X	X	X	X
Minutes	X	X	X	X	X	X	X	X	X	X	X	X
Annual Election of Committee Officer	X											

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Valley Water Capital Improvement Program Committee

Proposed 2025 Meeting Dates

All meetings will take place at 11 a.m. on the third Monday of each month unless noted below.

Tuesday, January 21 (due to January 20 holiday)

Tuesday, February 18 (due to February 17 holiday)

Monday, March 17

Monday, April 21

Monday, May 19

Monday, June 16

Monday, July 21

Monday, August 18

Monday, September 15

Monday, October 20

Monday, November 17

Monday, December 15

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