



Santa Clara Valley Water District Capital Improvement Program Committee Meeting

Teleconference Zoom Meeting

REGULAR MEETING AGENDA

**Monday, October 18, 2021
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 Linda J. LeZotte, District 4

Tony Estremera, District 6

During the COVID-19 restrictions, all public records relating to an open session item on this agenda, which are not exempt from disclosure pursuant to the California Public Records Act, that are distributed to a majority of the legislative body, will be available to the public through the legislative body agenda web page at the same time that the public records are distributed or made available to the legislative body. 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

COMMITTEE CLERK:
Natalie Dominguez, CMC
Assistant Deputy Clerk II
408-265-2659
ndominguez@valleywater.org
www.valleywater.org

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
AGENDA

Monday, October 18, 2021

11:00 AM

Teleconference Zoom Meeting

IMPORTANT NOTICES

This meeting is being held in accordance with the Brown Act as currently in effect and Santa Clara Valley Water District Resolution 21-85, adopted on September 28, 2021, in compliance with the provisions of AB361 (Rivas), that allows attendance by members of the Board of Directors, Board Committees, District staff, and the public to conduct and participate in meetings of the legislative bodies by teleconference, videoconference, or both.

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

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

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

Join Zoom Meeting:

<https://valleywater.zoom.us/j/94158013374>

Meeting ID: 941 5801 3374

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

1. CALL TO ORDER:

1.1. Roll Call.

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

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

3. APPROVAL OF MINUTES:

3.1. Approval of September 20, 2021 Meeting Minutes. [21-1124](#)

Recommendation: Approve the minutes.

Manager: Michele King, 408-630-2711

Attachments: [Attachment 1: 092021 CIP Committee Minutes](#)

Est. Staff Time: 5 Minutes

4. ACTION ITEMS:

- 4.1. Review Capital Project Monitoring - Feasibility and Planning Report. [21-1119](#)
Recommendation: Receive updates on projects in the feasibility and planning phase, discuss resource needs, and make recommendations as necessary.
Manager: John Bourgeois, 408-630-2990
Christopher Hakes, 408-630-3796
Heath McMahon, 408-630-3126
Rechelle Blank, 408-630-2615
Attachments: [Attachment 1: Feasibility and Planning Report](#)
Est. Staff Time: 15 Minutes
- 4.2. Receive information on Change Orders to Anderson Dam Tunnel Project Construction Contract. [21-1120](#)
Recommendation: Receive information on Change Orders to Anderson Dam Tunnel Project Construction Contract.
Manager: Christopher Hakes, 408-630-3796
Attachments: [Attachment 1: ADTP Construction Contract Change Orders Status](#)
Est. Staff Time: 5 Minutes
- 4.3. Information on the Safe Clean Water Project D4, Stevens Creek Fish Passage Assessment, Impediment Removal Prioritization. [21-1054](#)
Recommendation: Receive information on the Safe Clean Water Project D4, Stevens Creek Fish Passage Assessment Impediment Removal Prioritization and provide feedback, if necessary.
Attachments: [Attachment 1: Memorandum](#)
[Attachment 2: PowerPoint](#)
Est. Staff Time: 10 Minutes
- 4.4. Overview of the Annual Capital Improvement Program Process and Integrated Financial Planning Schedule for Capital Projects, and Review of the Fiscal Year 2022-23 (FY23) Currently Unfunded Projects. [21-1012](#)
Recommendation: A. Receive overview of the Annual Capital Improvement Program Process and Integrated Financial Planning Schedule;
B. Review list of Currently Unfunded Capital Projects; and
C. Provide feedback as necessary.
Manager: Rechelle Blank, 408-630-2615
Attachments: [Attachment 1: PowerPoint](#)
Est. Staff Time: 30 Minutes

- 4.5. Review 2021 Capital Improvement Committee Work Plan.

[21-0841](#)

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

Manager: Michele King, 408-630-2711

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

Est. Staff Time: 5 Minutes

5. INFORMATION ITEMS:

6. CLERK REVIEW AND CLARIFICATION OF COMMITTEE REQUESTS.

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

7. ADJOURN:

- 7.1. Adjourn to Regular Meeting at 11:00 a.m., on November 15, 2021, to be called to order in compliance with the Brown Act as currently in effect and Santa Clara Valley Water District Resolution 21-85, adopted on September 28, 2021, in compliance with the provisions of AB361 (Rivas).

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Santa Clara Valley Water District

File No.: 21-1124

Agenda Date: 10/18/2021
Item No.: 3.1.

COMMITTEE AGENDA MEMORANDUM

Capital Improvement Program Committee

SUBJECT:

Approval of September 20, 2021 Meeting Minutes.

RECOMMENDATION:

Approve the minutes.

SUMMARY:

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

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

ATTACHMENTS:

Attachment 1: 092021 CIP Committee Minutes

UNCLASSIFIED MANAGER:

Michele King, 408-630-2711

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CAPITAL IMPROVEMENT PROGRAM COMMITTEE MEETING

MINUTES

**MONDAY, SEPTEMBER 20, 2021
11:00 AM**

(Paragraph numbers coincide with agenda item numbers)

1. CALL TO ORDER:

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

1.1 Roll Call.

Committee members in attendance via Zoom teleconference were District 4 Director Linda LeZotte and District 6 Director Tony Estremera. District 5 Director Nai Hsueh, Chairperson presiding, participated from Valley Water's Headquarters Building, constituting a quorum of the Committee.

Staff members in attendance via Zoom Teleconference were District Counsel C. Orellana, J. Aranda, A. Baker, L. Bankosh, S. Berning, R. Blank, J. Bourgeois, G. Brambill, T. Bridgen, R. Chan, J. Codianne, J. Collins, M. Cook, M. Ganjoo, A. Gschwind, C. Hakes, K. Jessop, O. Leonardo, B. Magleby, M. Mendez, K. Newman, A. Nichols, L. Orta, B. Ponce, M. Potter, D. Taylor, S. Tippetts, G. Williams, K. Wong, and T. Yoke. Committee Clerk N. Dominguez participated from Valley Water's Headquarters Building.

Guest Presenters: Matthew Pagendarm, Brown & Caldwell, and David Gehrig, Hanson Bridgett, LLP.

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

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

3. APPROVAL OF MINUTES**3.1. Approval of August 16, 2021 Meeting Minutes.**

Recommendation: Approve the minutes.

The Committee considered the attached minutes of the August 16, 2021 meeting. It was moved by Director Tony Estremera, seconded by Director Linda LeZotte, and unanimously carried that the minutes be approved as presented.

4. ACTION ITEMS

4.1. Review Capital Project Monitoring – Construction Report.

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

Chairperson Nai Hsueh reviewed the information on this item, per the attached Committee Agenda Memo, and corresponding presentation materials contained in Attachment 1 were reviewed by staff as follows: Mr. Chris Hakes, Deputy Operating Officer, reviewed Item 1; Mr. Heath McMahon, Deputy Operating Officer, reviewed Items 2 through 7; Ms. Rechelle Blank, Deputy Operating Officer, reviewed Items 8 through 15; and Mr. Michael Cook, Deputy Operating Officer, reviewed Items 16 through 19.

The Committee received information on the status of capital projects in the construction phase. Mr. Cook provided a detailed explanation of Item 16, ERP System Implementation delays and negotiations with the consultant to resolve additional costs related to the delay.

The Committee requested that staff incorporate any lessons learned from this project into the Consultant Agreement Compliance Report schedule for the November 2021 agenda, and use the project as a case study for implementation, compliance, non-performance, and extensions.

4.2. Coyote Pumping Plant Adjustable Speed Drives Replacement Project Update.

Recommendation: Receive updated on the Coyote Pumping Plant Adjustable Speed Drives Replacement Project.

Mr. McMahon reviewed the information on this item, per the attached Committee Agenda Memo, and corresponding presentation materials contained in Attachment 1 were reviewed by Mr. David Gehrig, Hanson Bridget LLP, and Mr. Matthew Pagendarm, Brown & Caldwell.

Chairperson Hsueh expressed concern for the lack of proposals received and suggestion to reduce risk allocation, and expressed support for continued negotiations with the single proposer without changes to the current project documents.

Director LeZotte asked for and received an explanation regarding the age and urgency of the project, including issues with the current infrastructure, challenges to obtain replacement parts for outdated equipment to keep the system operable, the anticipated time frame to complete the project and next steps. Director LeZotte requested, and the Committee concurred, to direct staff to bring this item to the full Board for concurrence with staff's recommendation for Option A and noting in the Board agenda memo that the Committee thoroughly discussed and supports staff's recommendation.

Director Hsueh requested the following:

- Staff to provide separate detailed report on the RFP process for this project in addition to the Capital Project Monitoring Report.
- Staff to provide a summary report on the RFP process for this project to the Board via the nonagenda; and
- Staff to continue providing progress reports for this project to the Committee.
- Staff to present the Coyote Pumping Plant Adjustable Speed Drives Replacement Project Update to the full Board for concurrence with staff's recommendation for Option A.

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

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

Mr. McMahon reviewed the information on this item, per the attached Committee Agenda Memo. The Committee received information on proposed amendments to the following consultant agreements for capital projects pending Deputy Administrative Officer approval:

- Amendment No. 2 to Agreement A4242G with Cordoba Corporation for Executive Project Management Services for the Rinconada Water Treatment Plant Reliability Improvement Project No. 93294057 to extend the term of the Agreement retroactively by one year for a new expiration date of July 31, 2022, to allow the consultant to provide construction management support for the Rinconada Water Treatment Plant Interim Site Restoration Project which is currently underway.
- Amendment No. 1 to Agreement A4224A with R.E.Y. Engineers, Inc. for on-call Land Surveying and Mapping Services for capital projects to extend the term of the Agreement by two years for a new expiration date of January 8, 2024, to allow Consultant to continue to provide assistance to Valley Water's LSMU and in support of capital projects on an on-call, as-needed basis.

The Committee noted the information without 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.

Mr. Hakes reviewed the information on this item, per the attached Committee Agenda Memo, and corresponding presentation materials contained in Attachment 1. He reported there were no change orders executed during August 2021 for the Anderson Dam Tunnel Project construction contract.

The Committee noted the information without formal action.

4.5. Review 2021 Capital Improvement Committee Work Plan.

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

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

Chairperson Hsueh reviewed work plan items for October through December, and with the Committee concurring, rescheduled the December 20, 2021 meeting to December 13, 2021.

5. INFORMATION ITEMS.

None.

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

Ms. Natalie Dominguez, Assistant Deputy Clerk II, reviewed requests as follows:

Regarding Item 4.2:

- Staff to provide separate detailed report on the RFP process for this project in addition to the Capital Project Monitoring Report.
- Staff to provide a summary report on the RFP process for this project to the Board via the nonagenda.
- Staff to continue providing progress reports for this project to the Committee.
- Staff to present the Coyote Pumping Plant Adjustable Speed Drives Replacement Project Update to the full Board for concurrence with staff's recommendation for Option A.

7. ADJOURN

7.1. Adjourn to Regular Meeting at 11:00 a.m., on October 18, 2021, to be called to order in compliance with the State Emergency Services Act, the Governor's Emergency Declaration related to COVID-19, and the Governor's Executive Order N-08-21.

Chairperson Hsueh adjourned the meeting at 12:40 p.m. to the Regular Meeting at 11:00 a.m., on October 18, 2021, to be called to order in compliance with the State Emergency Services Act, the Governor's Emergency Declaration related to COVID-19, and the Governor's Executive Order N-08-21.

Natalie F. Dominguez, CMC
Assistant Deputy Clerk II

Approved:

09/20/21



Santa Clara Valley Water District

File No.: 21-1119

Agenda Date: 10/18/2021

Item No.: 4.1.

COMMITTEE AGENDA MEMORANDUM

Capital Improvement Program Committee

SUBJECT:

Review Capital Project Monitoring - Feasibility and Planning Report.

RECOMMENDATION:

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

SUMMARY:

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

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

ATTACHMENTS:

Attachment 1: Feasibility and Planning Report

UNCLASSIFIED MANAGER:

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

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Capital Project Monitoring - October 2021

Planning and Feasibility Phase

Row	Project No.	Project Name	Notes, Upcoming Board Actions or potential issues
<u>Water Supply</u>			
1	91084019	Dam Seismic Stability Evaluation	Seismic stability evaluations for Coyote, Chesbro and Uvas Dams continue through December 2022. Spillway evaluations for Lenihan and Stevens Creek Dams are on track, and have been submitted for DSOD review.
2	91954002	Pacheco Reservoir Expansion Project	A draft of the Staff Recommended Alternative Report has been reviewed by the project team with the final version expected after presentation to the Board. The Planning Study Report will summarize the planning phase work and will be submitted to the Board by December 2021. Efforts on the Draft EIR continue with completion and release for public review in November 2021.
3	92C40357	FAHCE Implementation	FAHCE phase 1 measures for coyote creek are being incorporated into the ADSRP EIR and its associated permitting package as conservation measures for the larger project. The FAHCE Draft EIR for Stevens creek and Guadalupe watershed is out for public review till October 15, 2021.
4	92264001	Vasona Pumping Plant Upgrades	Final Planning Study Report was completed August 2021. Will include electrical and mechanical upgrades to provide for additional flexibility and future needs. Environmental documents and Basis of Design Report are being prepared.
6	93234044	Penitencia WTP Residuals Management Project	Staff has completed negotiations for engineering design services with the sole firm that submitted a proposal and is scheduled to bring the proposed consultant agreement to the Board for approval October 26, 2021. Quarterly progress updates are being provided to the California State Water Resources Control Board's Division of Drinking Water.
7	92304001	Almaden Valley Pipeline Replacement Project	The Business Case Report has been completed. The Planning Phase Work Plan is scheduled for completion in October 2021.
8	91304001	Expedited Purified Water Program - P3	Staff is reviewing eight statements of qualifications received in response to the RFQ and has interviewed the respondents. Staff is working on preparing the RFP and draft EIR. Additional information to be reviewed at Recycled Water Committee.
10	93044001	Water Treatment Plant Implementation Project	Board approved the consultant agreement on September 28, 2021. A Notice-To-Proceed was issued on September 30, 2021 for the consultant to start work.
9	95044002	SCADA Implementation Project	Owner advisor consultant selection notification was sent out in June 2021. Implementation plan consultant selection notification was sent out in July 2021. Consultant agreement negotiations are concurrently in progress and the target completion date is end of calendar year 2021.
11	95044001	Distribution System Implementation Project	Consultant proposals were received in August 2021 and interviews for shortlisted consultants were conducted in September 2021. Consultant agreement negotiation is in progress and the target completion date is early calendar year 2022.
<u>Flood Protection</u>			
12	26174043	Coyote Creek, Montague Expressway to Tully Road	Due to Federal Energy Regulatory Commission Order, project was split into two projects: Coyote Creek Flood Management Measures and Coyote Creek Flood Protection Project. Planning Study Report for the Coyote Creek Flood Protection Project and Coyote Creek Flood Management Measures to protect from a 2017 equivalent flood event was completed in January 2021 and is under review. For the U.S. Army Corps of Engineers effort, the Section 1126 Memorandum of Agreement Project Management Plan has been completed.
13	26324001	Upper Penitencia Ck, Coyote Ck-Dorel Drive	Recommended project proceeding with Phase 1 and Phase 2 work, as approved by the Board of Directors in December 2019. Per Board direction (on December 17, 2019), \$21M (uninflated) was transferred from this project to Coyote Creek. Draft Planning Study Report completed in December 2020 and is under QC review.
14	30154019	Guadalupe River - Tasman to Hwy 880	Problem Definition Report completed July 2019; Feasible alternatives analysis currently underway; public meeting held October 1, 2020. Planning study report delayed by six months to summer of 2021 due to extensive list of alternatives and the work required to analyze.
15	00044026s	San Francisco Bay Shoreline - Phase II and Phase III	USACE Phase II Feasibility Study began 26 Sep 2019. USACE is requesting a 3X3X3 waiver to increase the study cost by \$2.6M and extend the schedule by 18 months; the total study cost is now estimated to be \$5.6M and Valley Water is responsible for 50% of the cost. The Phase II study includes Economic Impact Areas (EIAs) EIAs 1-4 (from San Francisquito Creek in Palo Alto to Permanente Creek in Mountain View). The next milestone for the Tentative Selection Plan is targeted for July 2022 pending approval of the waiver. USACE is requesting future funding for a Phase 3 Feasibility Study for EIAs 5-10 (from Permanente Creek in Mountain View to Guadalupe River in San Jose).

Capital Project Monitoring - October 2021

Planning and Feasibility Phase

Row	Project No.	Project Name	Notes, Upcoming Board Actions or potential issues
<u>Water Resources Stewardship</u>			
16	62044001	Stevens Creek Fish Passage Barrier Analysis	Consultant contract extended until June 30, 2021. Original study completed in summer of 2020 and was presented to the community through a virtual brown bag in November 2020. Consultant developed conceptual designs for the most significant barriers. Project team developed a prioritization study, finalized June 2021 and to be presented to the Committee in the October meeting.
17	62044001	Metcalf Pond Feasibility Study	Project team has engaged Steering Committee members with planning charrettes (problem definition and conceptual alternatives) in 2020. Draft Feasibility Study Report was done in December 2020 and is under QC review.
18	20444001s	Salt Ponds A5-11 Restoration	Draft Feasibility study on the realignment of Calabazas and San Tomas Creeks completed. Final report was presented to the Board for study direction in April 2021. Board approved project proceeding into planning phase. Project to be presented to the Board for budget update and acceptance of awarded grants in Fall 21.
19	62044003	Ogier Ponds Planning Study	Staff proceeding with early planning phase tasks to develop conceptual alternatives, as negotiations with the landowner (County Parks) on a Property Use Agreement are finalized.

Buildings & IT

No projects to report at this time



Santa Clara Valley Water District

File No.: 21-1120

Agenda Date: 10/18/2021

Item No.: 4.2.

COMMITTEE AGENDA MEMORANDUM

Capital Improvement Program Committee

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 No. 91864005. The Committee requested staff provide monthly change order status updates after construction of the ADTP commences on July 7, 2021.

Project Background

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 FERC to implement interim risk reduction measures at Anderson Dam. One of those measures is the Anderson Dam Tunnel Project (ADTP).

On April 27, 2021, Valley Water's Board of Directors awarded the construction contract for the Anderson Dam Tunnel Project (ADTP) to the top ranked best value proposer, Flatiron West, Inc., 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 Anderson Dam Tunnel Project at the amounts stated 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. Staff is therefore providing the September 2021 monthly CIP Committee update as stated below.

Construction Contract Change Orders Status

No Contract Change Orders were executed in September.

ATTACHMENTS:

Attachment 1: ADTP Construction Contract Change Orders Status

UNCLASSIFIED MANAGER:

Christopher Hakes, 408-630-3796

**Anderson Dam Tunnel Project Construction
Contract Change Orders Status**

	Date	Description	Contract Amount	Contingency Amount	Approval Level
	4/27/2021	Original Contract	\$161,140,321	\$40,000,000	Board
1		CO1**			
2					
3					
4					
5					
6					
7					
8					
9					
		Contract Amount and Remaining Contingency	\$XXXX	\$YYYY	

**CO1 - Change Order No. 1 & so on

Number of Change Orders Approved Previously	Number Of Change Orders Approved Current Month	Total Number Of Change Orders Executed To Date
0	0	0

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Santa Clara Valley Water District

File No.: 21-1054

Agenda Date: 10/18/2021

Item No.: 4.3.

COMMITTEE AGENDA MEMORANDUM

Capital Improvement Program Committee

SUBJECT:

Information on the Safe Clean Water Project D4, Stevens Creek Fish Passage Assessment, Impediment Removal Prioritization.

RECOMMENDATION:

Receive information on the Safe Clean Water Project D4, Stevens Creek Fish Passage Assessment Impediment Removal Prioritization and provide feedback, if necessary.

SUMMARY:

The Stevens Creek Fish Passage Assessment examined 38 potential fish passage impediment sites on Stevens Creek between San Francisco Bay and Stevens Creek Reservoir. Of those 38 sites, 30 were found to be extant and to warrant analysis. The 30 barriers were analyzed for hydraulic performance against National Marine Fisheries Service (NMFS) and California Department of Fish and Wildlife (CDFW) fish passage criteria. This project addresses a key element of the Draft Fish and Aquatic Habitat Collaborative Effort (FAHCE) 2003 Settlement Agreement, specifically §6.5.1, which calls for “Adequate passage for adult steelhead trout to reach suitable spawning and rearing habitat and for out-migration of juveniles.”

Results of the analysis were organized into red (severe barrier), yellow (moderate barrier), and green (insignificant barrier) categories. Eight (8) barriers were red, 8 were yellow, and 14 were green. Two of the sites are currently included in the FY 2022-26 Capital Improvement Program (CIP), including the Moffett Fish Ladder (red) and the Fremont Fish Ladder (green), which are both owned by Valley Water. The results of the assessment were presented at a community meeting in November 2020. At this time, staff will update the Committee on further prioritization of the moderate and severe barriers.

As described in the Remediation Prioritization Memorandum (Attachment 1), conceptual plans were developed for each of the 8 red barriers and 8 yellow barriers. To prioritize implementation, the plans were evaluated against practical implementation constraints including property ownership, construction complexity, lifetime maintenance costs, geomorphic compatibility, and biological impacts. While the prioritization includes both barriers on Valley Water right of way and others not owned by Valley Water, barriers owned by others are not the responsibility of Valley Water.

The resulting 8 highest priority barriers, including FAHCE and ownership status, are listed below:

1. Highway 101 crossing (Site no. 2, owned by Caltrans)

2. Hetch Hetchy crossing (Site no. 6, owned by SF Public Utilities Commission)
3. Drop structure downstream (d/s) pedestrian bridge near W. Dana Street, (Site No. 14, owned by City of Mountain View)
4. Stream Gage 44 weir at Stevens Creek County Park (Site no. 32, owned by Santa Clara County)
5. Stream Gage 35 vortex weir (Site no. 12, FAHCE priority barrier owned by Valley Water)
6. Drop structure at storm drain upstream (u/s) El Camino Real (Site no. 17.1, owned by City of Mountain View)
7. Vernon Avenue Grade Control (Site no. 1, owned partially by City of Mountain View and partially by Valley Water)
8. Moffett Fish Ladder (Site no. 3, FAHCE priority barrier owned by Valley Water)

ATTACHMENTS:

Attachment 1: Memorandum

Attachment 2: PowerPoint

UNCLASSIFIED MANAGER:

John Bourgeois, (408) 314-8859

Safe Clean Water Project D4, Stevens Creek Fish Passage Assessment,
Impediment Removal Prioritization.


(Click on link below to view, download, print memorandum)

[Attachment 1, Stevens Creek Fish Passage Remediation Memorandum](#)



Attachment 1

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Stevens Creek
Prioritization of Fish Passage
Impediments for Removal
October 18, 2021

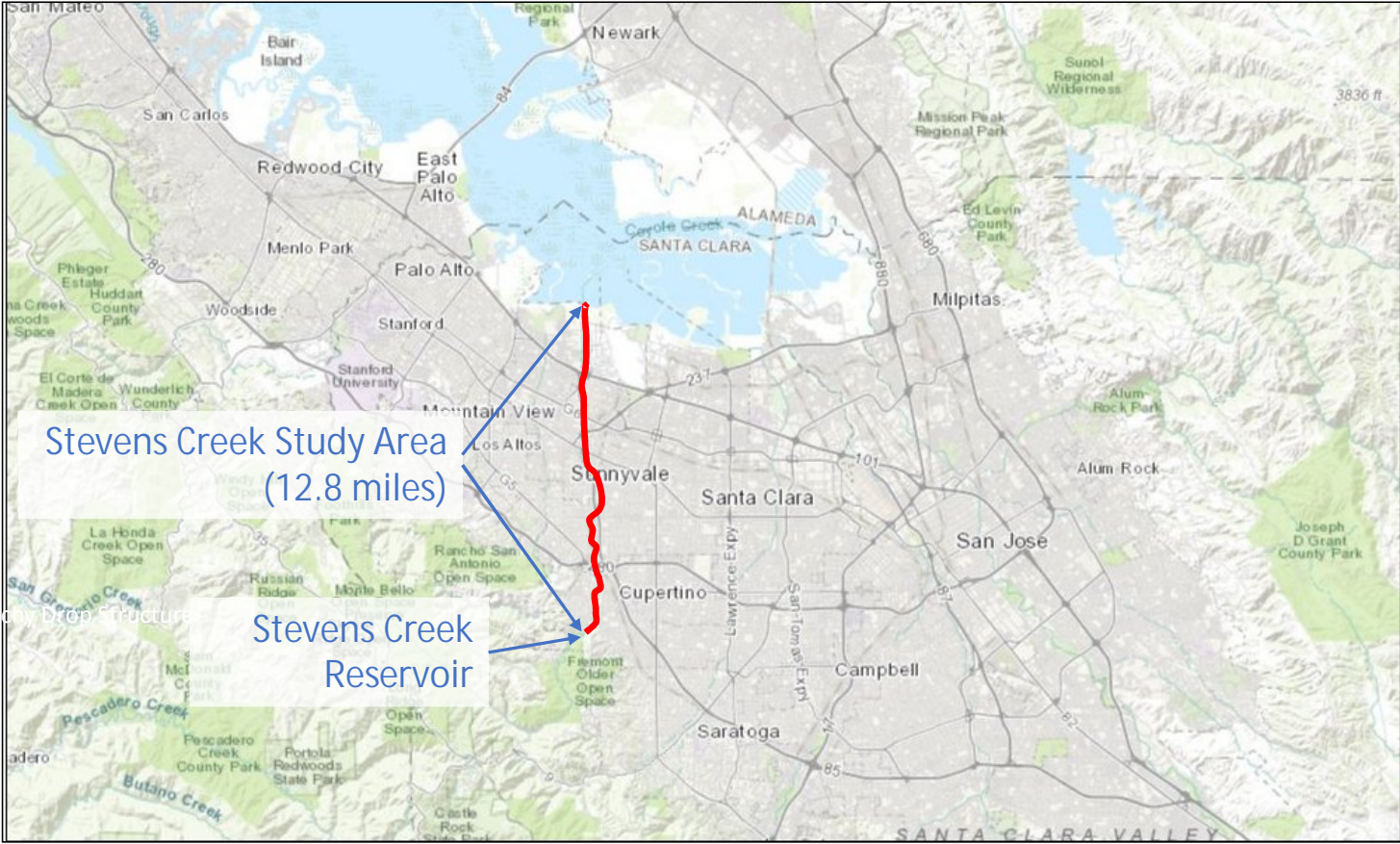
Afshin Rouhani, Unit Manager, Water Policy and Planning
Kevin Sibley, Sr. Engineer
James Manidakos, Assoc. Water Resources Specialist



Background and Need

- Per, FAHCE Section §6.5.1: Adequate passage for adult steelhead trout to reach suitable spawning and rearing habitat and for out-migration of juveniles
- Not all Stevens Creek fish passage barriers are owned by Valley Water (VW).
- The Prioritization report evaluates all sites for completeness; however, VW is not responsible to fix sites not owned by VW.
- Two of the 30 impediments are owned by VW. They are also included in current CIP:
 - Moffett Fish Ladder (Site no. 3)
 - Fremont Fish Ladder (Site no. 21)

Study Area



Technical Approach

1. Comprehensive field survey, including sites not owned by VW
2. Assess impediments against CDFW and NMFS fish passage criteria
3. Rank impediments: **red** (severe), **yellow** (moderate), **green** (no problem)
4. Develop concepts for **red** and **yellow** impediments
5. Use concepts to score sites on logistical constraints
6. Integrate fish passage/logistic constraints to prioritize impediments for remedy

Consultants: AECOM and Mike Love Associates

- Fish Passage Analysis (June 2020)
- Conceptual Remedy Approaches (April 2021)

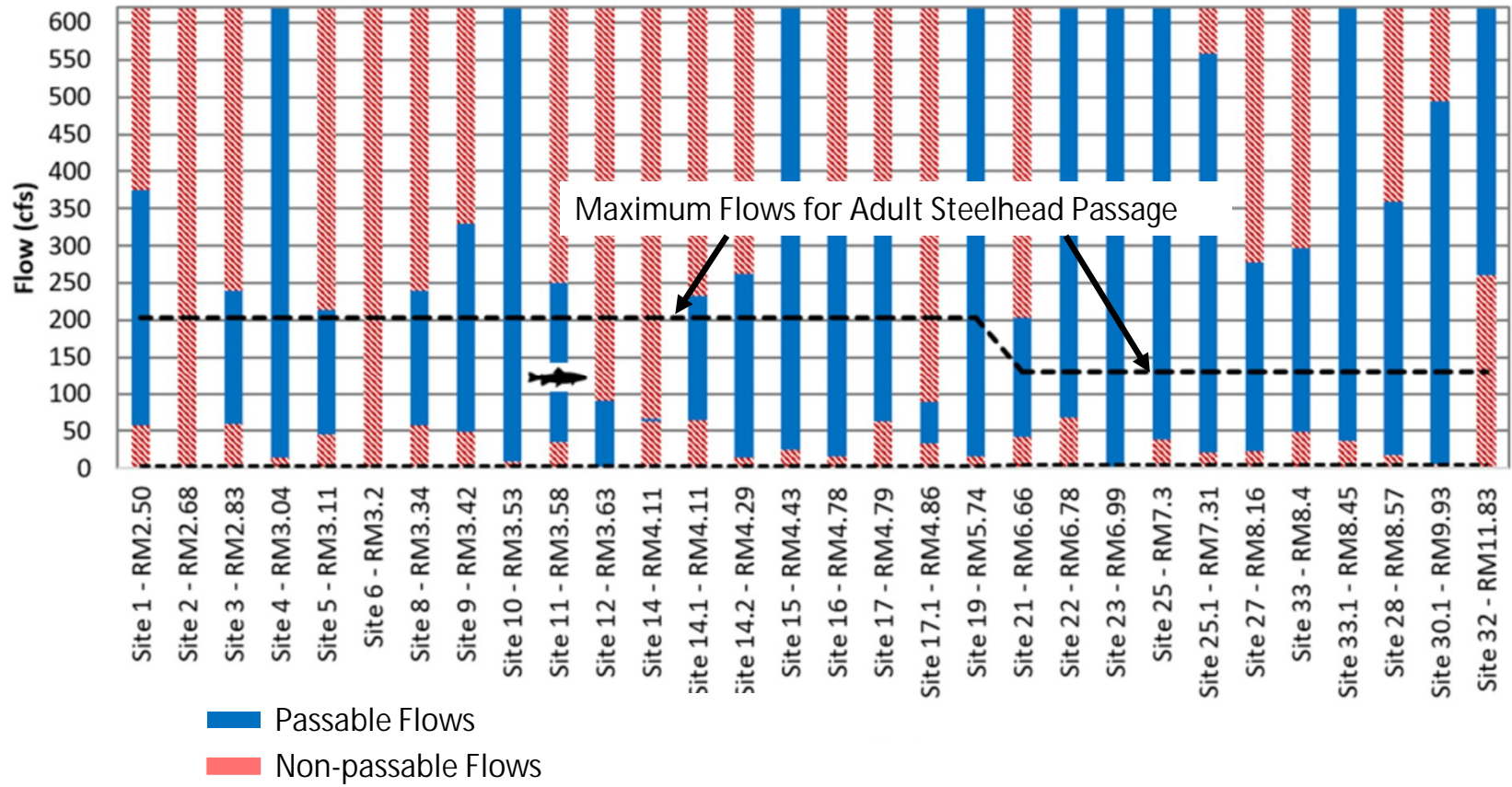


Slide 5

Fish Passage Analysis

- 34 PAD sites: 25 confirmed and 9 no longer exist
- 5 new sites identified
- 30 sites analyzed against CDFW and NMFS fish passage criteria
- Results:
 - 8 red or severe impediment sites
 - 8 yellow or moderate impediment sites
 - 14 green or non impediment sites
- FAHCE §6.5.2.2 (A) Priority Barriers owned by SCVWD:
 - Moffett Fish Ladder (Site no. 3) -- red
 - Fremont Fish Ladder (Site no. 21) -- green

SF Bay ← Downstream / Upstream → Reservoir





Conceptual Fish Passage Remedies

- Prepared for 8 red and 8 yellow sites
- Primary remedy: Roughened Channel ($\leq 2\%$ slope gradient)
- Other remedies:
 - Pool and Chute ($> 2\%$ slope)
 - Fish Transport Channel
 - Forcing Features

Fish Passage Impediment Remedy



Fish Passage Impediment Remedy



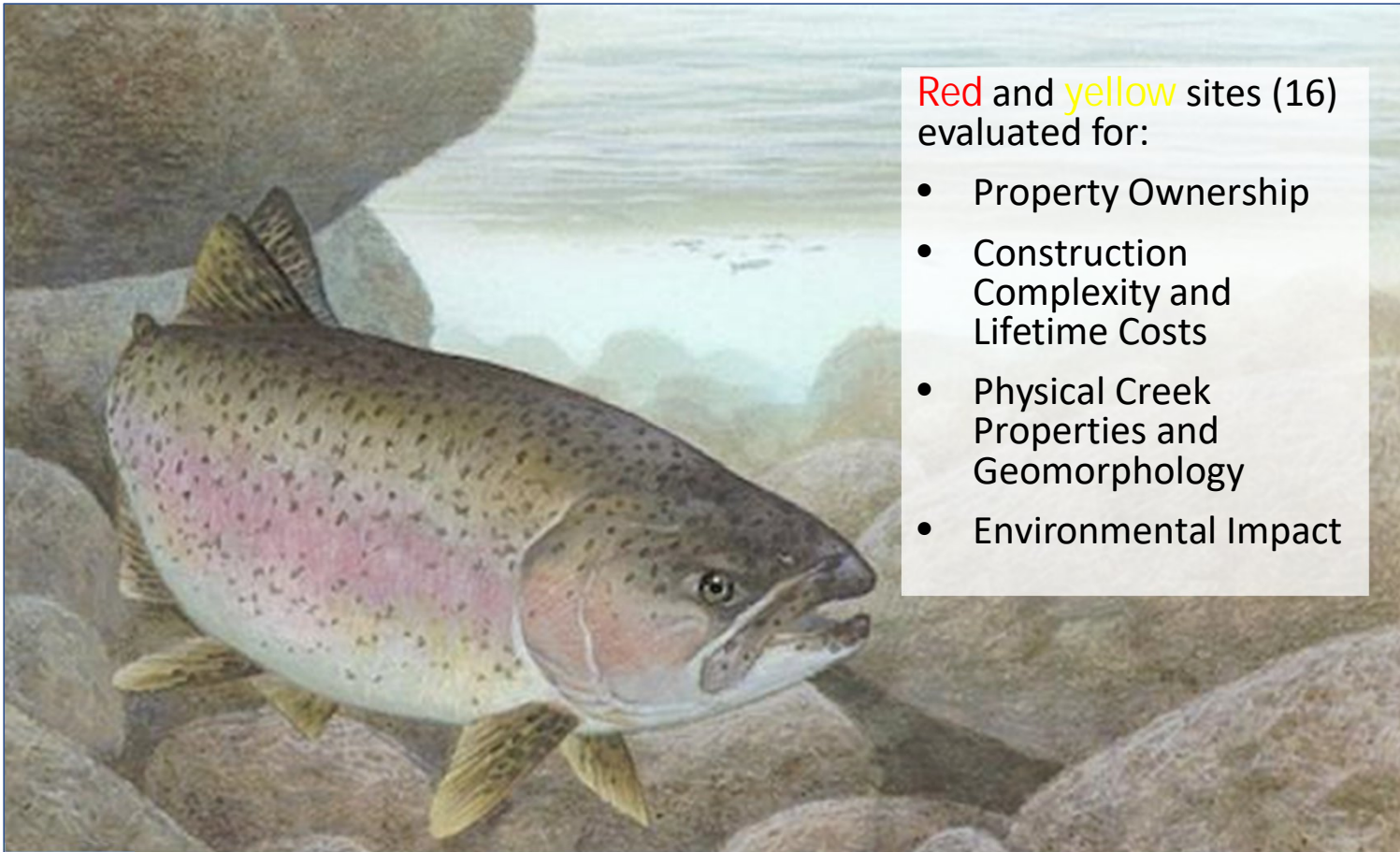
Fish Passage Impediment Remedy



Fish Passage Impediment Remedy



Logistical Constraints (VW Prioritization Memo)



Red and yellow sites (16) evaluated for:

- Property Ownership
- Construction Complexity and Lifetime Costs
- Physical Creek Properties and Geomorphology
- Environmental Impact

Prioritization Results

Top Eight (8) Highest Priority Sites

1. Highway 101 crossing (Site no. 2)
2. Hetch Hetchy crossing (Site no. 6)
3. Drop structure d/s ped bridge (Site no. 12)
4. Stream Gage 44 weir at Stevens Creek County Park (Site no. 32)
5. Stream Gage 35 vortex weir (Site no. 12, FAHCE priority barrier owned by VW)
6. Drop structure at Storm Drain u/s El Camino Real (Site no. 17.1)
7. Vernon Avenue Grade Control (Site no. 1)
8. Moffett Fish Ladder (Site no. 3, FAHCE priority barrier owned by VW, on CIP)



Slide 14



Additional Background (if required)

Stevens Creek FAHCE Barriers (total = 6)

FAHCE Designation	Barrier	Current condition	Evaluated in This Prioritization Study?
Priority Barriers owned by SCVWD (4)	Moffett Fish Ladder	In operation	Yes (Site no.3)
	Evelyn Fish Ladder	- Remedied in 2016 - Damaged by 2017 high flows - SMP designing repairs	No
	Stream Gage 35	In operation	Yes (Site no. 12)
	Fremont Fish Ladder	In operation	Yes (Site no. 21)
Priority Barriers Owned by Others (2)	Blackberry Farms Road Crossing	Already remedied by City of Cupertino with SCVWD Assistance	No
	Blackberry Farms Irrigation Diversion		

Tabulated Results

Site Prioritization for Remedy			
Priority	Site No.	Site Score	Site Name
Higher ↓	2	10	Highway 101 crossing, post mile 48.0
	6		Drop structure at Hetch Hetchy crossing
	14	11	Drop structure downstream pedestrian bridge (W. Dana Street)
	32	15	Gaging weir 44 (Stevens Creek County Park)
	12*	16	Vortex weir fishway at Stream Gage 35*
	17.1	18	Drop structure at storm drain (upstream El Camino Real)
	1	19	Vernon Avenue grade control
	3*	20	Moffett fish ladder*
	5	22	Drop structure upstream of Moffett Boulevard
	8	23	Drop structure downstream of Middlefield Road
Lower	9	26	Drop structure upstream of Middlefield Road
	4	27	Moffett Boulevard crossing
	14.1		Drop structure at pedestrian bridge
	11	28	Highway 85 crossing, post mile 23.0
	22	30	Highway 85 crossing, post mile 20.0
17	31	El Camino Real crossing	
*Listed in draft FAHCE settlement agreement as priority barrier owned by SCVWD			



Santa Clara Valley Water District

File No.: 21-1012

Agenda Date: 10/18/2021
Item No.: 4.4.

COMMITTEE AGENDA MEMORANDUM

Capital Improvement Program Committee

SUBJECT:

Overview of the Annual Capital Improvement Program Process and Integrated Financial Planning Schedule for Capital Projects, and Review of the Fiscal Year 2022-23 (FY23) Currently Unfunded Projects.

RECOMMENDATION:

- A. Receive overview of the Annual Capital Improvement Program Process and Integrated Financial Planning Schedule;
- B. Review list of Currently Unfunded Capital Projects; and
- C. Provide feedback as necessary.

SUMMARY:

The annual update of the rolling 5-year Capital Improvement Program (CIP) includes project plan updates for all existing capital projects and a Validation Process to review and evaluate potential new capital projects for inclusion in the CIP, along with review points for the CIP Committee and decision points for the Board. A presentation that shows the steps in detail, along with an integrated financial planning schedule, is included in the Annual CIP Process PowerPoint (Attachment 1).

Annual CIP Process Overview

Each year, Valley Water staff can submit new projects for consideration for inclusion into Valley Water's 5-Year 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.

In May through September, staff submits the business case for review by their respective Deputy Operating Officer (DOO) or Deputy Administrative Officer (DAO). If staff's respective DOO/DAO approves the project, it is submitted to the CIP coordinator. Simultaneously, project managers update their existing capital projects to reflect changes to scope, schedule, and budget, which must also be approved by the respective DOO/DAO.

Between September and October each year these newly-proposed, initially validated projects will be 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. Staff will address the Board's feedback/comments when preparing the funding scenarios, which will include considering those

unfunded projects for inclusion into the CIP.

Initially Validated projects for potential inclusion in the FY2023-27 CIP

There are seven newly-proposed, initially validated projects that have been added to the unfunded list for the FY23-27 CIP.

1. **South Babb Flood Mitigation Project**: Recent modeling identified an increased flooding risk to two apartment buildings due to ponding behind floodwalls constructed as part of the Lower Silver Creek Flood Protection and Creek Restoration Project (Lower Silver Creek Project) Reaches 5C-6A. Water that ponds behind the Lower Silver Creek Project floodwalls comes from spills out of South Babb Creek. The recommended project includes regrading the parking lots in the apartment complex, constructing troughs along the Lower Silver Creek Project floodwall at certain locations to collect water, and adding flapgates and corresponding structural improvements to the existing floodwall. This will lower flood depths in the apartment complex behind the existing floodwalls such that the apartment buildings would not be added to the FEMA 1% floodplain. Potential locations and numbers of flapgates are provided in the hydraulic feasibility and preliminary constraints analysis report. Total project cost estimate = \$1,320,986 and estimated project duration (all phases combined) = 2-3 years.
2. **South Babb Flood Protection Project**: Recent modeling indicates that there is significant spilling from culverts along South Babb Creek. These spills contribute to flooding of nearby areas, particularly between South Babb Creek, Lower Silver Creek, and Story Road. The recommended project improves the culverts at Lochner Drive, White Road, and Farrington Drive on South Babb Creek. While this will not eliminate all the spilling from South Babb Creek during the 100-year event, the majority of spills would be eliminated. In the hydraulic feasibility and preliminary constraints analysis report, a design was proposed where the Lochner Drive, White Road, and Farrington Drive culverts would be converted to voided slab bridges with a trapezoidal concrete channel underneath. A planning study would be required to evaluate other alternatives that would meet the same goal of reducing flooding risk to the area between South Babb Creek, Lower Silver Creek, and Story Road. Total project cost estimate = \$12,038,091 and estimated project duration (all phases combined) = 5-6 years.
3. **San Tomas Aquino Project**: San Tomas Aquino Creek has flood capacity concerns, aging infrastructure, and excessive operation and maintenance costs. In the 1970's, San Tomas was improved to reduce flooding. Following 1995 flood events, and model calibration, levee improvements were made to provide additional freeboard. However, the 1995 Engineers Report states that the levee improvements were designed for interim flow with 1.5' freeboard due to channel restrictions upstream of Highway 101 but recommended that that the improvements be followed by a comprehensive multiyear study of additional improvements to meet current FEMA levee standards. In addition to aging concrete assets, the Operations and Maintenance Division has experienced many challenges to maintain the channel to meet its level of service with its rapid and recurring sedimentation and vegetation growth. The project's

objective is to reduce flood risks and meet FEMA standards, stabilize the channel to minimize maintenance costs, and rehabilitate or replace aging infrastructure in the most cost-effective manner. Total project cost estimate = \$15 Million (no floodwall) to \$35 Million (if floodwalls are installed in sections of the channel) and estimated project duration (all phases combined) = 5 years (Note: Initially validated project cost estimate reflects the high end of the range, approximately \$35M).

4. **Randol Creek Levee Rehab Project**: From Camden Ave to Bret Harte Drive, the left levee (facing upstream) is at a lower elevation than its intended design elevation, which could result in flows overtopping the levee. In addition, several drop structures have shown signs of deterioration and need structural assessment. The project's objectives are to restore the levee; reduce the flood risk to the adjacent property (Leland high school); and maintain Randol Creek assets in a cost-effective manner. Total project cost estimate = \$2,000,000 and estimated project duration (all phases combined) = 1-2 years.

5. **Coyote Pumping Plant Isolation Valves and Actuators Replacement Project**: Five isolation valves and seven actuators at Coyote Pumping Plant (CPP) have reached the end of their useful life. The actuators were proposed for replacement as part of the Coyote Adjustable Speed Drives Project, but ultimately were not included in that project in order to avoid significant project delay. The actuators were due for replacement in 2011, and the valves are due for replacement in 2026. The project scope includes replacing five of CPP Valves (# 1, 2, 3, 4, and 7); removing all seven hydraulic actuators; replacing the hydraulic actuators with electric actuators; and making changes to the controls. Total project cost estimate = \$3,230,982 and estimated project duration (all phases combined) = 4 years.

6. **Tepid Water System for Emergency Shower/Eyewash Stations at WTPs**: The emergency shower/eyewash (ESEW) systems at Valley Water's three water treatment plants (Rinconada, Penitencia and Santa Teresa Water Treatment Plants) (RWTP, PWTP and RWTP) are in need of upgrade to provide tepid water to the emergency eyewash stations, consistent with Cal/OSHA Title 8 §5162 and ANSI Z358 regulatory requirements. Total project cost estimate = \$2,800,000 and estimated project duration (all phases combined) = 2-3 years.

7. **Security Upgrades and Enhancements**: Upgrading current technical security systems, cyclone fences, and exterior lighting would be accomplished by this project. The current video and access control management systems are aging and becoming increasingly more expensive to maintain, as well as being below industry standard performance. The current video and access control management systems would be replaced with an operating program representing modern best business practices. The project objectives are to significantly enhance overall security at Valley Water facilities by designing and installing a modern technical security system capable of meeting today's security and investigative requirements. Cyclone fences at key facilities and assets will be replaced with higher climb/tamper resistant

types. Exterior lighting will be improved to eliminate darkness. Taken together each component of the Water Security Enhancement Project integrates to create an effective defense in depth capable of deterring, detecting, and delaying threats while responding. Total project cost estimate = \$14M and estimated project duration (all phases combined) = 4-6 years.

Development of the Preliminary CIP

In the fall of every year, an overview of the significant project plan updates from the prior year's adopted CIP are presented to the CIP Committee for information and feedback. During this same time, CIP and Finance staff compile the data from existing CIP project plans, collect the operational forecast information, and run the financial models.

The CIP Evaluation Team (CEO, ACEO, Chiefs and Deputies of the divisions initiating, delivering, implementing, and operating capital projects) meets in November of each year to review the financial models and determine which, if any, 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
- Urgency of investment

Based upon the outcome of its review, the CIP Evaluation Team provides recommendations regarding whether the new proposed capital projects should be funded in the upcoming Preliminary 5-year CIP or remain on the unfunded list. Funding scenarios that include these recommendations will be presented to the CIP Committee for review and feedback in December, along with the Preliminary CIP.

Each winter (December- January), CIP and Finance staff update the funding scenarios to include staff and CIP Committee recommendations, which will be presented to the full Board during a Funding Scenario Workshop in January, as deemed necessary. If a workshop is deemed necessary, the Board's direction from the workshop will be incorporated into the Preliminary CIP and presented to the Board at a subsequent meeting in January. Funding decisions will be made by the Board through its approval of the Preliminary CIP.

ATTACHMENTS:

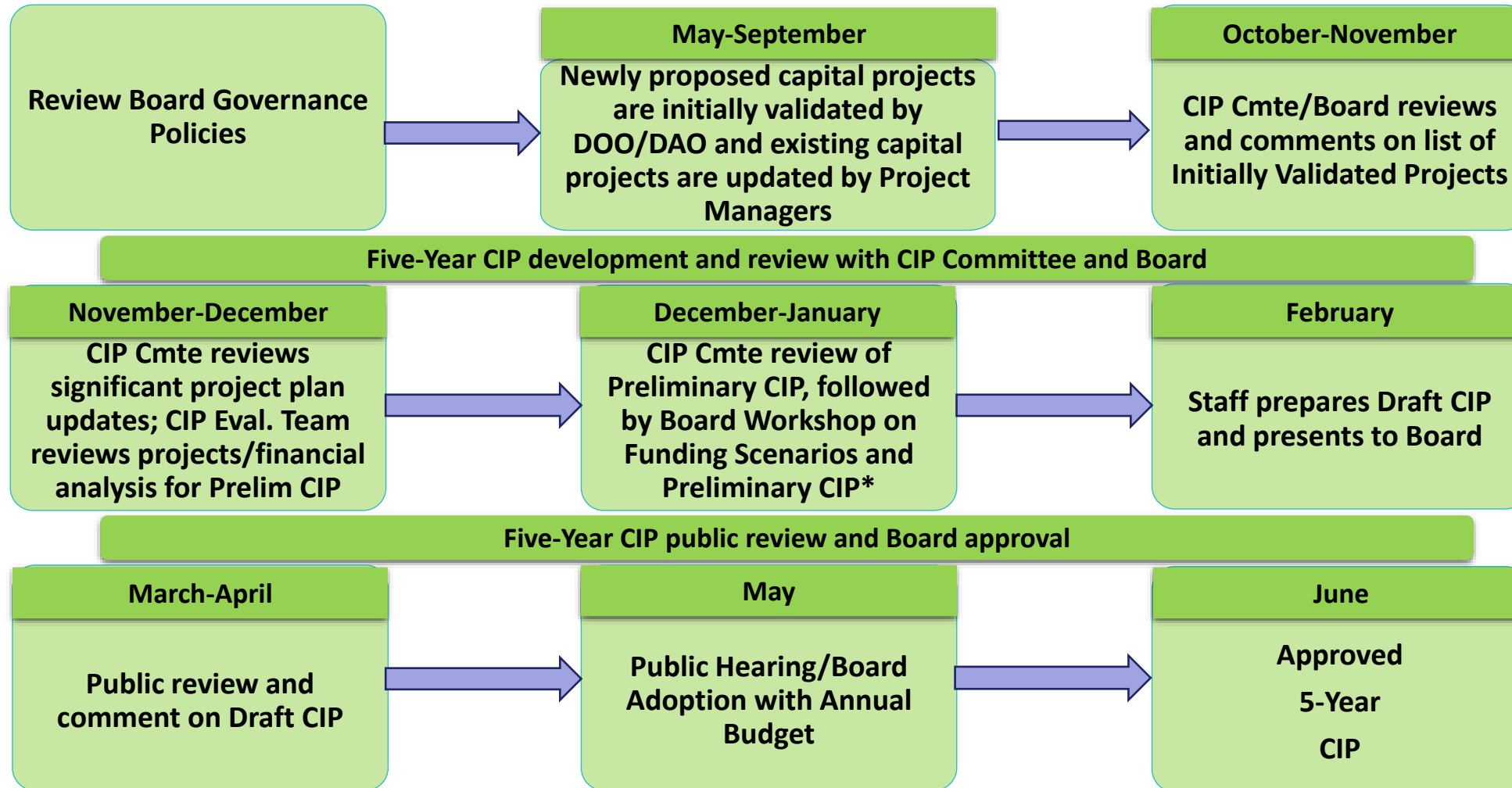
Attachment 1: PowerPoint

UNCLASSIFIED MANAGER:

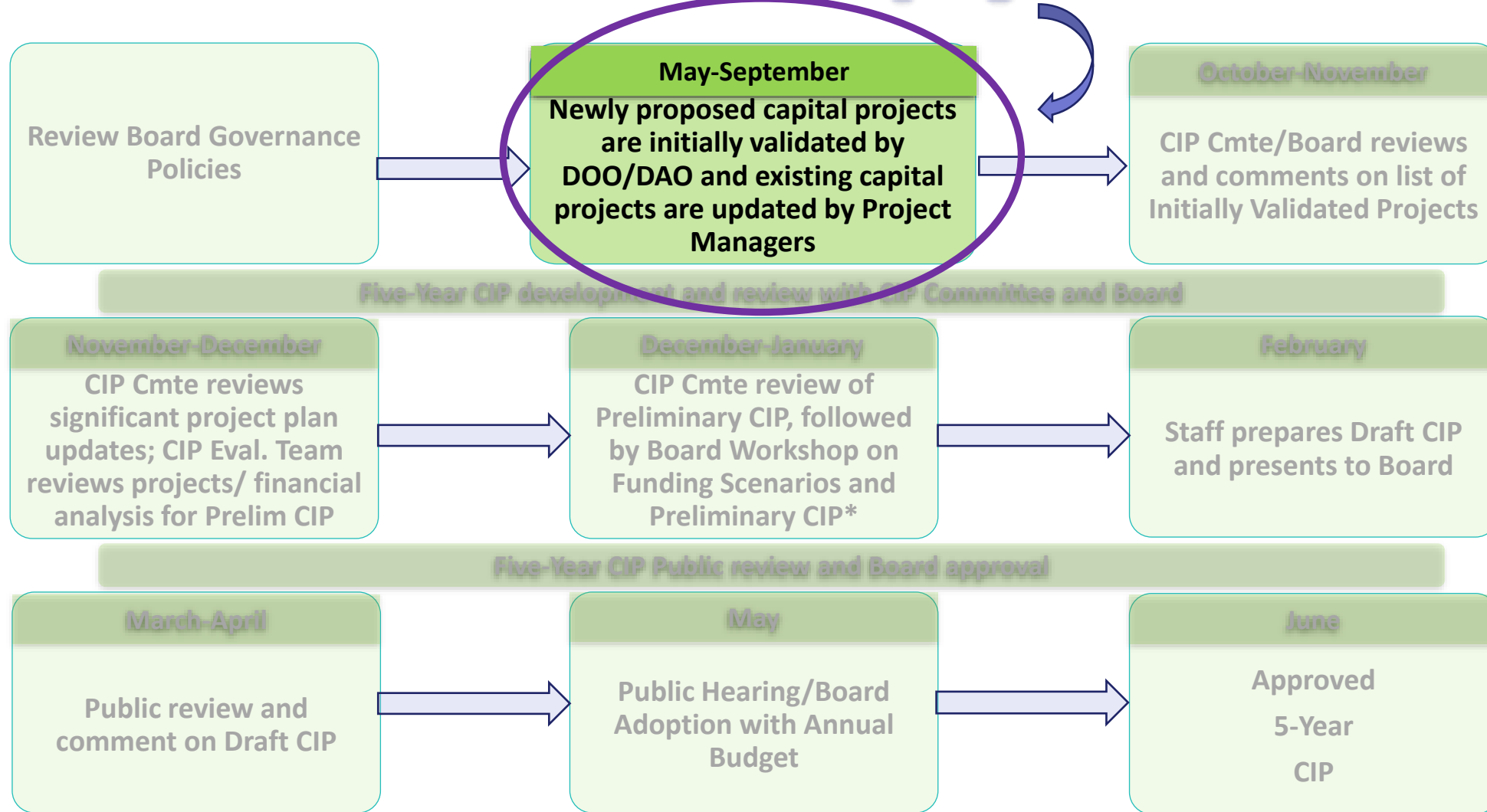
Rechelle Blank, 408-630-2615

Capital Improvement Program (CIP) Annual Process Overview

Annual CIP Process Overview



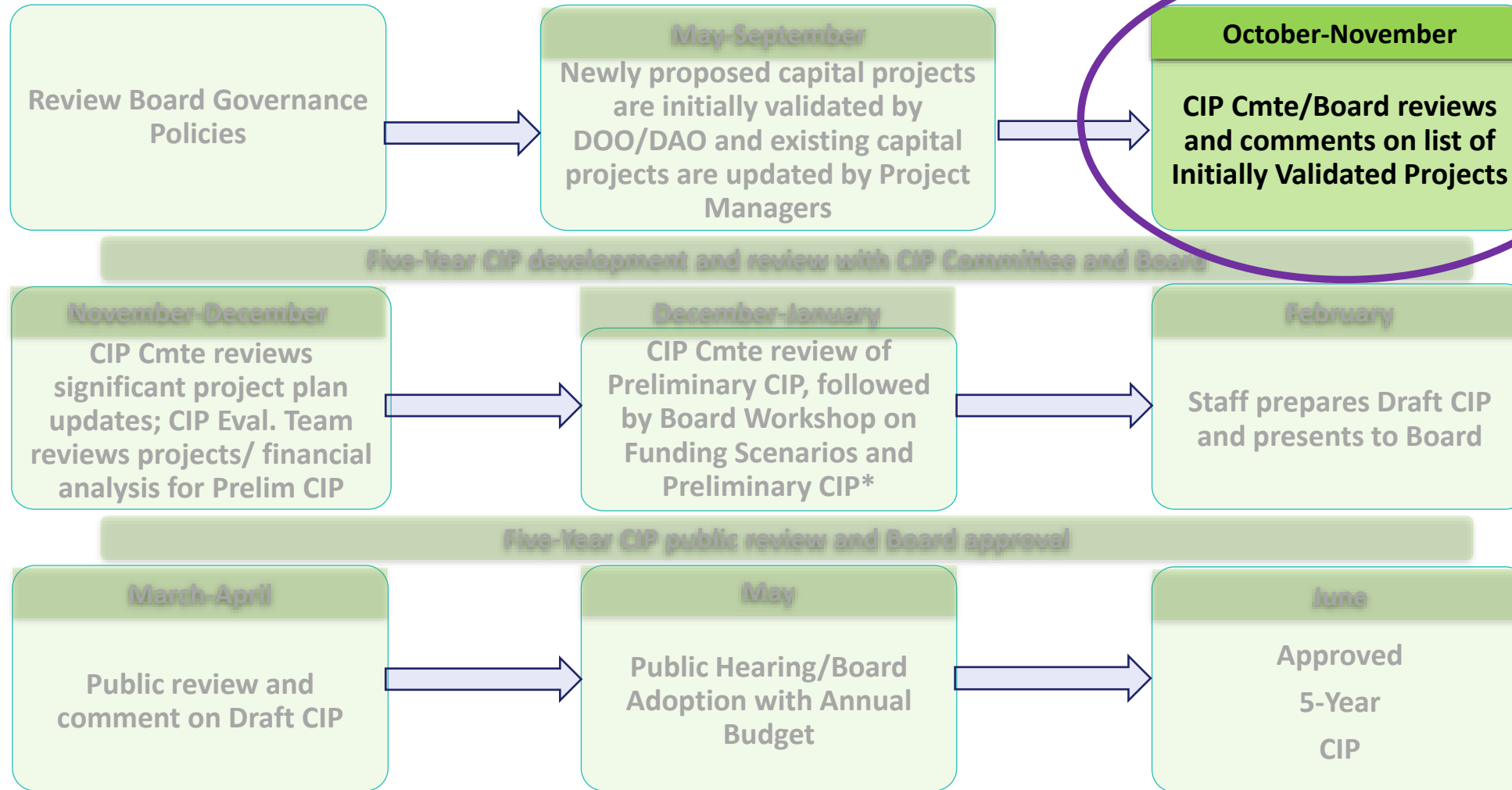
Annual CIP Process Overview Initial project Validation...



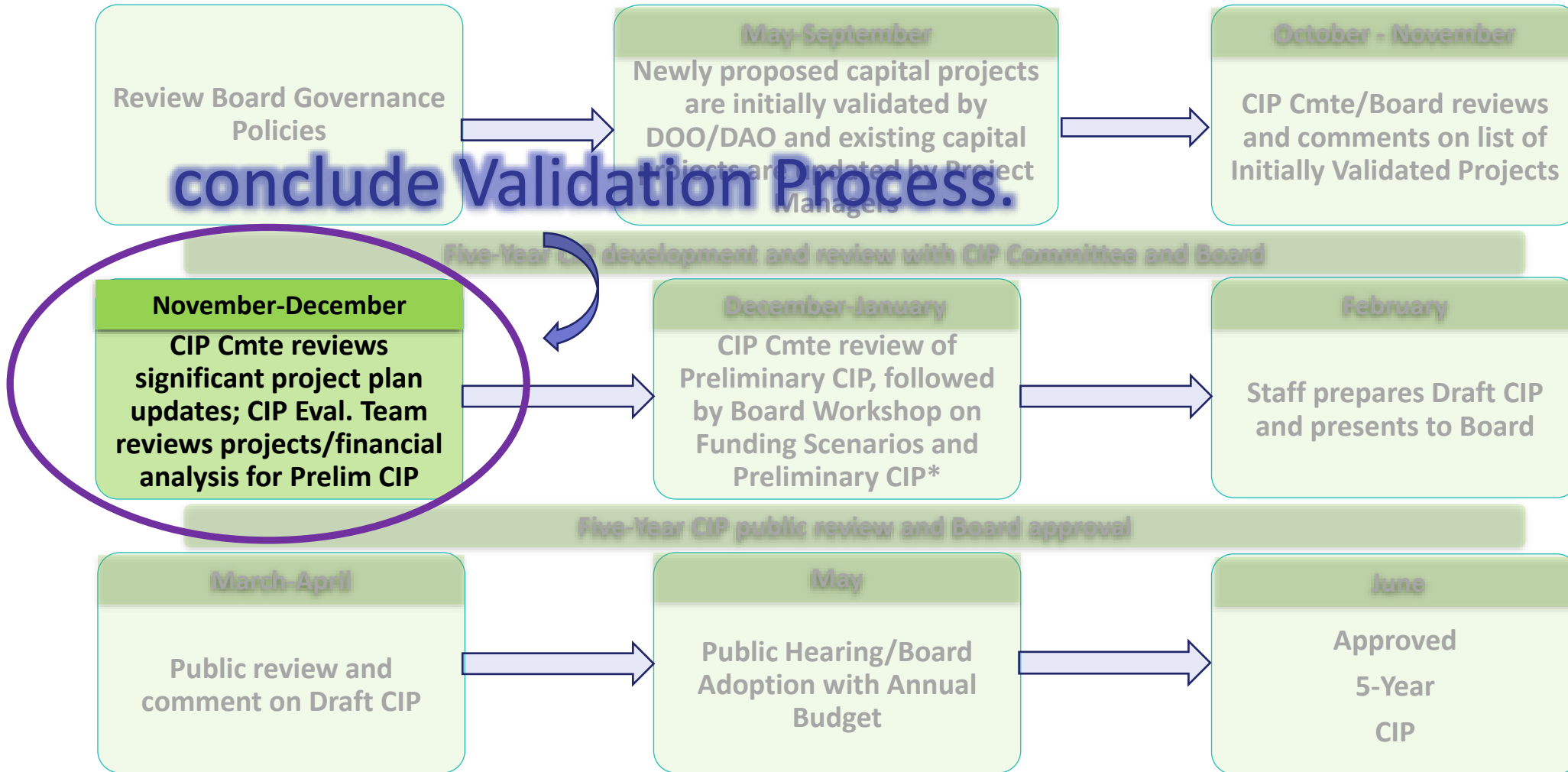
Annual CIP Process Overview

...Board comment...

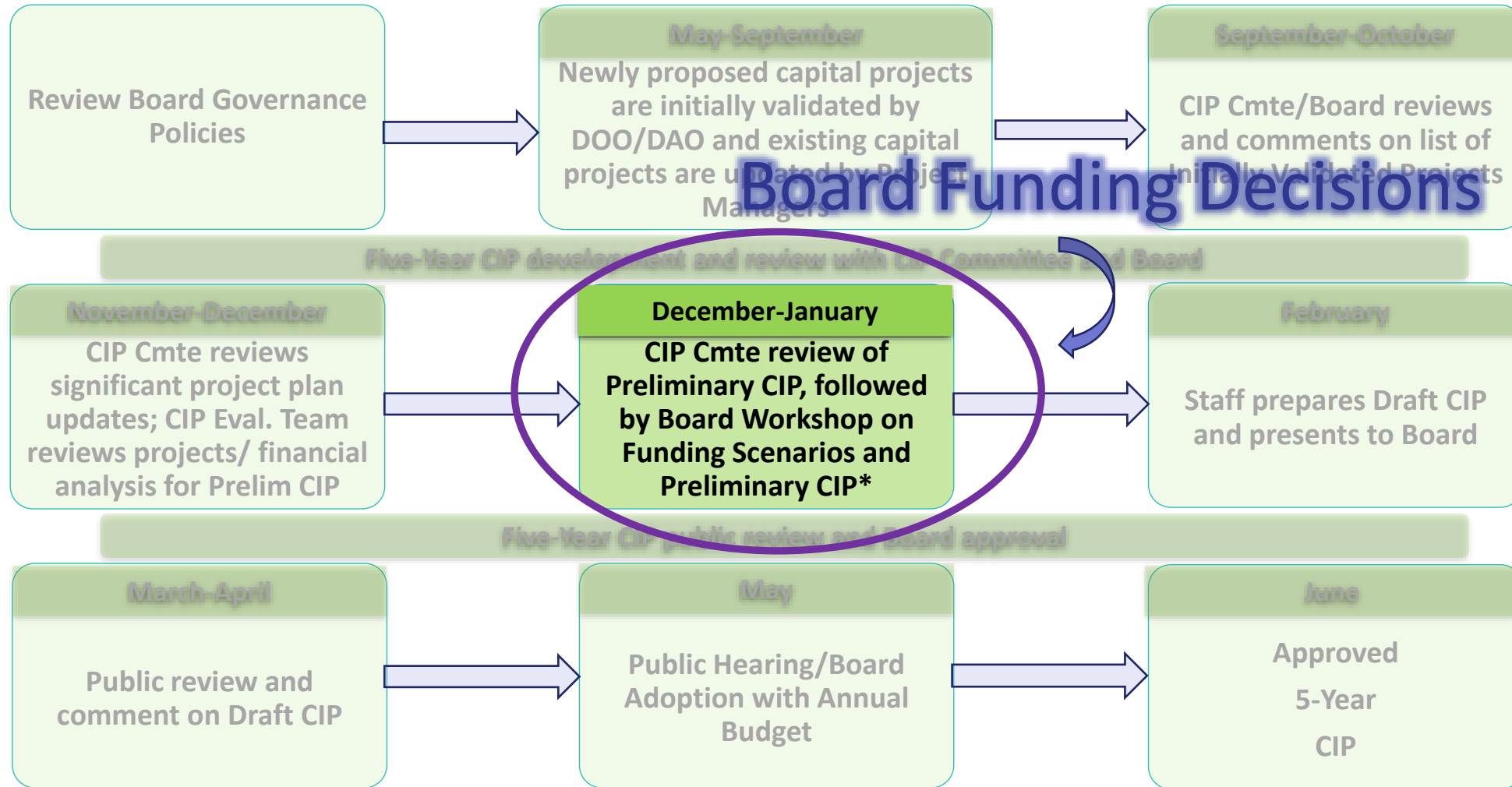
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Annual CIP Process Overview



Annual CIP Process Overview



Integrated Financial Planning Schedule

VALLEY WATER FINANCIAL PLANNING SCHEDULE

Budget
Water Rates
CIP

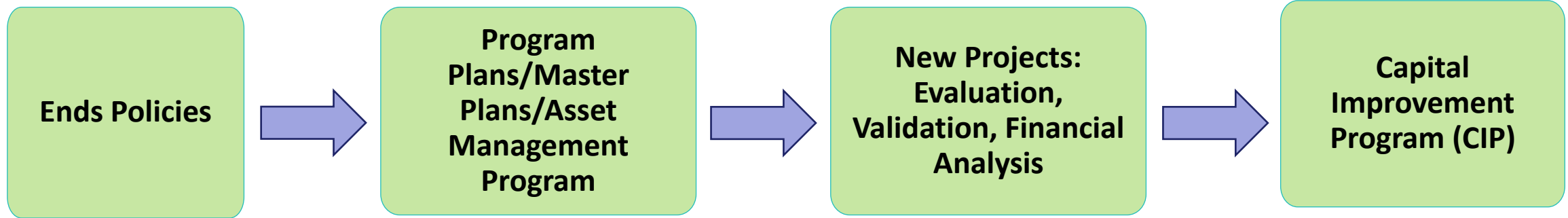
WU/WS O&M 5-Yr Plans
WSS/SCW Fund Analysis
All Other/Combined

Ref	Internal Date	Brd Cmte Date	Brd Mtg Date	Milestone	
1	8/30/21			Kick off Long-Term Operations Cost Forecast process	
2	10/1/21			Financial planning discussion with Chiefs #1 (Issues, strategy, schedule, reorgs, headcount, Board concerns, big projects) and CIP Discussion Re: Significant Project Plan Updates and Newly Validated, Unfunded Projects	
3		10/18/21 CIP		Overview of Annual CIP Process and Integrated Financial Planning Calendar & Review list of Newly Validated, Unfunded Capital Projects	
4			10/26/21	Biennial budget update BAM	
5	10/29/21			Financial planning discussion with Chiefs #2 - Review CIP Significant Project Plan Updates (IF NECESSARY - Issues, strategy, schedule, reorgs, headcount, Board concerns, big projects)	
6	11/2/21			Internal Budget Kickoff meeting	
7	11/5/21			CIP data (data-details) to FP (CN & JA) for Long Term Financial Modeling	
8		11/15/21 CIP	11/9/21	Overview of Annual CIP Process and Integrated Financial Planning Calendar & Review list of Newly Validated, Unfunded Capital Projects	
9	11/18/21			CIP Committee Presentation on Significant Project Plan Updates	
10			11/23/21	CIP Evaluation Team (Deputy/Chiefs/ACEO/CEO) reviews preliminary financial models and recommends projects to be funded in FY23-27 CIP Water Rate Planning BAM	
11	12/3/21			CEO/Chiefs set operations budget targets by fund	
12		12/13/21 CIP		CIP Committee Presentation: Preliminary CIP funding discussion w/ financial modeling & major changes vs FY 22-26 CIP and discuss need for Board Workshop prior to presentation of Prelim CIP	
13			12/14/21	Budget Process Planning BAM	
14			1/3-1/7/22	TENTATIVE Special Brd Mtg: Multi-day Workshop on CIP Funding Scenarios based upon significant changes to prior CIP (Review scenarios and CIP Committee Recommendations)	
15			1/11/22	Present 5-Year WS and WU O&M Plans to Brd (for information only) Watersheds prelim 10 year financial analysis BAM (show prelim WSS and SCW fund graphs and discuss funding issues) Prelim Water Rate Analysis BAM (Prelim water rate scenarios) Prelim CIP BAM (Approve Project List and Prelim CIP)	} Combined Presentation like prior year
16			1/25/22	1st pass budget update BAM	
17	2/2/22			CEO decision on water rate recommendation for PAWS report	[Critical Path]
18	2/3/22			Chiefs review of unfunded needs	
19			2/22/22	Draft CIP BAM (Authorize to distribute for public review)	
20	2/25/22			File PAWS report & mail well owner notices	
21			3/8/21	2nd pass budget update BAM	
22			4/12/22	GW charge public hearings begin CIP Public hearing begin (or this could happen on 4/26)	
23			4/14/22	GW charge public hearing in South County (Gilroy)	
24			4/26/22	GW charge public hearings close	
25			4/27/22	Budget Workstudy session	
26			5/10/22	Board adoption of Water Rates, CIP, Budget, Investment and Debt Resolutions (w/Final CIP and Budget Reports completed by 6/30/2022)	
27			6/30/22	FY23 rate notifications: website and mailers (retailers and all customers)	

FY22 Unfunded Projects Recommended for Removal/Revalidation

Project Name	Total Project Cost (In \$ thousands)	Remaining Cost (FY23 to completion) (In \$ thousands)	Phase	Notes
Unfunded Projects Recommended for Removal in FY22				
Dam Seismic Retrofit at 2 Dams (Chesbro & Uvas)	\$7.5M	\$7.5M	N/A	Staff recommends removal of this project from the unfunded list in FY22 for revalidation. Last business case/project proposal update was pre-2012.
So. County Recycled Water Reservoir Expansion	\$10.2M	\$10.2M	N/A	Staff recommends removal of this project from the unfunded list in FY22 for revalidation. Last business case/project proposal update was 9/2016.
Alamitos Diversion Dam Improvements	\$4.2M	\$3.4M	N/A	Staff recommends removal of this project from the unfunded list in FY22 for revalidation. Last business case/project proposal update was 7/2012.
Fleet and Facility Annex Improvements	\$6.4M	\$6.4M	N/A	Staff recommends removal of this project from the unfunded list in FY22 for revalidation. The project team plans to re-submit the Validation package in next year's cycle. The last Business case/project proposal was 10/2012.
Total:	\$28.3M	\$27.5M	N/A	

Drivers for New Capital Projects:



FY23 Initially Validated and Currently Unfunded Projects

Project Name	Total Project Cost (In \$ thousands)	Remaining Cost (FY23 to completion) (In \$ thousands)	Phase	Notes
FY23 Initially Validated Projects (Proposed for Addition to Unfunded List)				
South Babb Flood Mitigation Project	\$1.3M	\$1.3M	N/A	All initially validated projects TPC's are approximate (no Capital Project Plan developed, only Business Case and Request form submitted).
South Babb Flood Protection Project	\$12.0M	\$12.0M	N/A	
San Tomas Aquino Project	\$35.0M	\$35.0M	N/A	
Randol Creek Levee Rehab Project	\$2.0M	\$2.0M	N/A	
CPP Isolation Valves & Actuators Replacement Project	\$3.2M	\$3.2M	N/A	
Tepid Water System for Emergency Shower/Eyewash Stations at WTPs	\$2.8M	\$2.8M		
Security Upgrades and Enhancements	\$14.0M	\$14.0M	N/A	
Currently Unfunded Projects				
Long-Term Purified Water Program Elements	\$190.5M	\$190.5M	N/A	Recommended to REMAIN on the unfunded list - for Phase 2 EPWP (with City of Sunnyvale).
RWTP Ammonia Storage & Metering Facility Upgrade	\$5.8M	\$5.8M	N/A	Recommended to REMAIN on the unfunded list. Business case/project proposal 9/2019 for last year's CIP.
Total:	\$266.6M	\$266.6M	N/A	



Valley Water

Clean Water • Healthy Environment • Flood Protection

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Santa Clara Valley Water District

File No.: 21-0841

Agenda Date: 10/18/2021
Item No.: 4.5.

COMMITTEE AGENDA MEMORANDUM

Capital Improvement Program Committee

SUBJECT:

Review 2021 Capital Improvement Committee Work Plan.

RECOMMENDATION:

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

SUMMARY:

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

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

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

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

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.

ATTACHMENTS:

Attachment 1: 2021 CIP Committee Work Plan

UNCLASSIFIED MANAGER:

Michele King, 408-630-2711

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CIP Committee 2021 Workplan

	<i>Jan</i>	<i>Feb</i>	<i>Mar</i>	<i>Apr</i>	<i>May</i>	<i>Jun</i>	<i>Jul</i>	<i>Aug</i>	<i>Sep</i>	<i>Oct</i>	<i>Nov</i>	<i>Dec</i>
Capital Project Monitoring												
Feasibility/Planning		X		X			X			X		
Design/Permitting		X			X			X			X	
Construction			X				X		X			X
Consultant Agreement Compliance Process			X								X	
Update on RWTP Residuals Remediation Project			X									
Anderson Dam Tunnel Project Contingency Fund Delegated Authority					X							
Update on Coyote Pumping Plant Design/Build Project									X			
Planning Updates												
• Upper Penitencia Creek Flood Protection Project							X					
• Stevens Creek Fish Ladder										X		
CIP Implementation												
Review Project Delivery Process for Capital Projects												
• O&M Costs (Design) and Readiness Assessment (Construction)			X									
Safe, Clean Water 5-Year Implementation Plan (Adjustments and Financial Overview)				X								
CIP Development												
CIP Planning Process												
• Annual CIP Process and Integrated Financial Planning Schedule and Review of Initially Validated and Unfunded Projects										X		
• Review Significant Project Plan Updates											X	
Preliminary CIP Review	X											X
Standing Items												
Anderson Dam Tunnel Project Contingency and Change Order Monitoring	N/A	N/A	N/A	N/A	N/A	N/A	N/A	X	X	X	X	X
Upcoming Consultant Agreement Amendments	N/A	X	X	X	X	X	X	X	X	X	X	X
Workplan	N/A	X	X	X	X	X	X	X	X	X	X	X
Minutes	N/A	X	X	X	X	X	X	X	X	X	X	X

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