

February 6, 2023

MEETING NOTICE**SANTA CLARA VALLEY WATER DISTRICT
CAPITAL IMPROVEMENT PROGRAM COMMITTEE**

Members of the Capital Improvement Program Committee:

Director Nai Hsueh, Chairperson
Director Tony Estremera, Committee Member
Director Jim Beall, Committee Member

Staff Support of the Capital Improvement Program Committee:

Rick L. Callender, Esq., Chief Executive Officer
Melanie Richardson, Asst. Chief Officer
Leslie Orta, Senior Assistant District Counsel
Audrey Beaman, Assistant District Counsel
Rachael Gibson, Chief of External Affairs
Tina Yoke, Chief Administrative Officer
Darin Taylor, Chief Financial Officer
Aaron Baker, Chief Operating Officer – Water Utility
Rechelle Blank, Chief Operating Officer – Watersheds
Sam Bogale, Deputy Operating Officer
Tony Ndah, Deputy Administrative Officer
Don Rocha, Deputy Administrative Officer
Michael Cook, Deputy Administrative Officer
Christopher Hakes, Deputy Operating Officer
Bhavani Yerrapotu, Deputy Operating Officer
John Bourgeois, Deputy Operating Officer
Jennifer Codianne, Deputy Operating Officer
Emmanuel Aryee, Deputy Operating Officer
Vincent Gin, Deputy Operating Officer
Gregory Williams, Deputy Operating Officer
Patrice McElroy, Deputy Administrative Officer
Lisa Bankosh, Assistant Officer
Alex Gordon, Assistant Officer
Bryant Welch, Labor Relations Officer
David Montenegro, Principal Construction Contracts Administrator

Erin Baker, Asset Management Manager
Charlene Sun, Treasure & Debt Manager
Jessica Collins, Business Planning and Analysis Unit Manager
Enrique De Anda, Budget Manager
Jennifer Martin, Program Administrator
Conception Gayotin, Purchasing & Contracts Manager
Linh Hoang, Communications Manager
Jill Bernhard, Acting System Development & Support Manager
Sarah Berning, Program Administrator
Phyllis Chen, Senior Management Analyst
Alison Phagan, Senior Management Analyst
Stacy Klopfer, Senior Management Analyst
Agnes Lee, Senior Management Analyst
Chenlei Yao, Senior Management Analyst
Feliser Lee, Senior Management Analyst
Timothy Chan, Management Analyst II
Kristie Resendez, Management Analyst II
Odilia Leonardo, Staff Analyst

A Santa Clara Valley Water District special Capital Improvement Program Committee meeting has been scheduled to occur at 11:00 a.m. on Monday, February 13, 2023 in the Headquarters Building Boardroom located at the Santa Clara Valley Water District, 5700 Almaden, San Jose, CA.

Members of the public may join at: <https://valleywater.zoom.us/j/94158013374>

The meeting agenda and corresponding materials are located on the Committee's website at: <https://www.valleywater.org/how-we-operate/committees/board-committees>.

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Santa Clara Valley Water District Capital Improvement Program Committee Meeting

HQ Headquarters Building Boardroom
5700 Almaden Expressway, San Jose, CA 95118

Join Zoom Meeting
<https://valleywater.zoom.us/j/94158013374>

SPECIAL MEETING AGENDA

**Monday, February 13, 2023
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 Estremera, District 6

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

COMMITTEE CLERK:
Eva Marie Sans
Assistant Deputy Clerk II
408-265-2306
esans@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
SPECIAL MEETING
AGENDA**

Monday, February 13, 2023

11:00 AM

HQ Headquarters Building Boardroom
5700 Almaden Expressway, San Jose, CA 95118

Join Zoom Meeting:
<https://valleywater.zoom.us/j/94158013374>

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

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

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

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

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

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

This agenda has been prepared as required by the applicable laws of the State of California, including but not limited to, Government Code Sections 54950 et. seq. and has

not been prepared with a view to informing an investment decision in any of Valley Water's bonds, notes or other obligations. Any projections, plans or other forward-looking statements included in the information in this agenda are subject to a variety of uncertainties that could cause any actual plans or results to differ materially from any such statement. The information herein is not intended to be used by investors or potential investors in considering the purchase or sale of Valley Water's bonds, notes or other obligations and investors and potential investors should rely only on information filed by Valley Water on the Municipal Securities Rulemaking Board's Electronic Municipal Market Access System for municipal securities disclosures and Valley Water's Investor Relations website, maintained on the World Wide Web at <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: 94158013374
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. ELECTION OF OFFICERS:

- 3.1. Election of 2023 Capital Improvement Program Committee Officers. [23-0042](#)

Recommendation: Nominate and elect the 2023 Capital Improvement Program Committee Chairperson and Vice Chairperson.

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

Est. Staff Time: 5 Minutes

4. APPROVAL OF MINUTES:

- 4.1. Approval of December 12, 2022 Capital Improvement Program Committee Minutes. [22-1463](#)

Recommendation: Approve the minutes.

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

Attachments: [Attachment 1: 121222 CIP Minutes](#)

Est. Staff Time: 5 Minutes

5. ACTION ITEMS:

- 5.1. Receive and Discuss Information Regarding the Status of Capital Projects in the Feasibility and Planning Phase. [22-1443](#)

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

Manager: John Bourgeois, 408-630-2990
Christopher Hakes, 408-630-3796
Emmanuel Aryee, 408-630-3074
Bhavani Yerrapotu, 408-630-2735
Vincent Gin, 408-630-2633

Attachments: [Attachment 1: Feasibility and Planning Report](#)

Est. Staff Time: 15 Minutes

- 5.2. Receive and Discuss Information Regarding the Status of Capital Projects in the Design and Permitting Phase. [23-0039](#)

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

Manager: Bhavani Yerrapotu, 408-630-2735
Emmanuel Aryee, 408-630-3074
Christopher Hakes, 408-630-3796

Attachments: [Attachment 1: Design and Permitting Report](#)

Est. Staff Time: 15 Minutes

- 5.3. Receive an Update on the Water Treatment Plant Master Plan Implementation Project No. 93044001. [22-1448](#)
Recommendation: Receive an update on the Water Treatment Plant Master Plan Implementation Project No. 93044001.
Manager: Luz Penilla, 408-630-2228
Attachments: [Attachment 1: PowerPoint](#)
Est. Staff Time: 20 Minutes
- 5.4. Receive Information on Change Orders to Anderson Dam Tunnel Project Construction Contract. [22-1444](#)
Recommendation: Receive Information on Change Orders to Anderson Dam Tunnel Project Construction Contract.
Manager: Christopher Hakes, 408-630-3796
Attachments: [Attachment A: Government Code § 84308](#)
[Attachment 1: Construction Contract Change Orders Status](#)
[Attachment 2: Milestone Schedule Revision](#)
Est. Staff Time: 10 Minutes
- 5.5. Receive Information on Upcoming Consultant Agreement Amendments for Capital Projects. [22-1445](#)
Recommendation: Receive information on upcoming consultant agreement amendments for capital projects.
Manager: Emmanuel Aryee, 408-630-3074
Luz Penilla, 408-630-2228
Bhavani Yerrapotu, 408-630-2735
Marta Lugo, 408-630-2237
Christopher Hakes, 408-630-3796
Attachments: [Attachment A: Government Code § 84308](#)
Est. Staff Time: 10 Minutes
- 5.6. Capital Improvement Program Committee 2022 Accomplishments Report. [23-0041](#)
Recommendation: Review and accept the Capital Improvement Program Committee 2022 Accomplishments Report.
Manager: Candice Kwok-Smith, 408-630-3193
Attachments: [Attachment 1: 2022 CIP Accomplishments Report](#)
Est. Staff Time: 5 Minutes

5.7. Review 2023 Capital Improvement Program Committee Work Plan.

[22-1446](#)

- Recommendation:
- A. Review the 2023 Capital Improvement Program Committee Draft Work Plan and make adjustments, as necessary; and
 - B. Confirm next meeting date.

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

Attachments: [Attachment 1: 2023 CIP Committee Work Plan](#)
[Attachment 2: 2023 CIP Committee Draft Meeting Schedule](#)

Est. Staff Time: 5 Minutes

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 March 20, 2023.



Santa Clara Valley Water District

File No.: 23-0042

Agenda Date: 2/13/2023

Item No.: 3.1.

COMMITTEE AGENDA MEMORANDUM Capital Improvement Program Committee

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

SUBJECT:

Election of 2023 Capital Improvement Program Committee Officers.

RECOMMENDATION:

Nominate and elect the 2023 Capital Improvement Program Committee Chairperson and Vice Chairperson.

SUMMARY:

The Capital Improvement Program (CIP) Committee (Committee) was established to provide a venue for more detailed discussions regarding capital project validation, including recommendations on prioritizing, deleting, and/or adding projects to the CIP, as well as monitoring implementation progress of key projects in the CIP.

The Committee is comprised of the Committee Chairperson and Vice Chairperson, who serve as the Committee's primary and secondary facilitators, and Committee representatives. The Committee Chairperson and Vice Chairperson are elected by the Committee annually.

The following is a summary of CIP Committee elected officers, since the Committee's 2012 enactment by the Board of Directors.

Year	Chairperson	Vice Chairperson
2012	B. Schmidt	T. Estremera
2013	T. Estremera	D. Kennedy
2014	T. Estremera	D. Kennedy
2015	N. Hsueh	T. Estremera
2016	N. Hsueh	T. Estremera
2017	N. Hsueh	T. Estremera
2018	N. Hsueh	L. LeZotte

2019	N. Hsueh	L. LeZotte
2020	N. Hsueh	L. LeZotte
2021	N. Hsueh	L. LeZotte
2022	N. Hsueh	T. Estremera

ATTACHMENTS:

None.

UNCLASSIFIED MANAGER:

Candice Kwok-Smith, 408-630-3193



Santa Clara Valley Water District

File No.: 22-1463

Agenda Date: 2/13/2023
Item No.: 4.1.

COMMITTEE AGENDA MEMORANDUM **Capital Improvement Program Committee**

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

SUBJECT:

Approval of December 12, 2022 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: 121222 CIP Committee Minutes

UNCLASSIFIED MANAGER:

Candice Kwok-Smith, 408-630-3193

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CAPITAL IMPROVEMENT PROGRAM MEETING

DRAFT MINUTES

**MONDAY, DECEMBER 12, 2022
11:00 AM**

(Paragraph numbers coincide with agenda item numbers)

1. CALL TO ORDER:

A special meeting of the Santa Clara Valley Water District (Valley Water) Capital Improvement Program Committee (Committee) was called to order at 5700 Almaden Expressway in San Jose, California at 11:00 a.m. and via Zoom teleconference.

1.1 Roll Call.

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

Staff in attendance was Eva Sans, Assistant Deputy Clerk II.

Staff members in attendance were G. Adriano, J. Aranda, E. Aryee, A. Baker, E. Baker, L. Bankosh, H. Barrientos, A. Beaman, S. Benavidez, S. Berning, R. Blank, S. Bogale, J. Bourgeois, R. Callender, R. Castillo, F. Chak, J. Codianne, J. Collins, M. Cook, E. De Anda, J. Devadoss, S. Ferranti, A. Fraumeni, A. Fulcher, M. Ganjoo, C. Gayotin, R. Gibson, V. Gin, A. Gordon, S. Greene, C. Hakes, H. Hoang, G. Jacobson, C. Kwok-Smith, M. Laramie, O. Leonardo, J. Martin, C. McAlpine, R. McCarter, P. McElroy, M. Mendez, D. Montenegro, C. Narayanan, T. Ndah, K. Neuman, M. Nguyen, J. O'Brien, C. Orellana, L. Orta, L. Penilla, A. Phagan, M. Potter, D. Rocha, K. Struve, D. Taylor, B. Welch, K. White, J. Wu, R. Yamane, and T. Yoke.

Director Jim Beall attended without participating in the discussion.

Guest in attendance: J. Davel, and K. Irvin.

2. TIME OPEN FOR PUBLIC COMMENTS 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.

Chairperson Hsueh confirmed that Item 4.4 would be considered before Item 4.1 and would be followed by Items 4.3, 4.2, 4.1 and 4.5.

3. APPROVAL OF MINUTES:

12/12/22

1

**Attachment 1
Page 1 of 5**

3.1 Approval of November 14, 2022 Capital Improvement Program Committee Minutes.

Recommendation: Approve the minutes.

It was moved by Director Estremera, seconded by Chairperson Hsueh, to approve the November 14, 2022 minutes, as presented.

Chairperson Hsueh moved the agenda to Item 4.4.

4. ACTION ITEMS:

4.4 Review the Capital Improvement Program's Draft Preliminary Fiscal Year 2024-2028 Five-Year Plan.

Recommendation: Review and discuss the Capital Improvement Program's Draft Preliminary Fiscal Year 2024-2028 Five-Year Plan and provide recommendations to staff as needed.

Jennifer Martin, Program Administrator, reviewed the information on this item per the attached Committee agenda memo, and per the information contained in Attachment 1; and added that this discussion would be in preparation for presentation of the preliminary CIP at the January 10, 2023 Board workshop.

The Committee noted the following during the staff presentation:

On Slide 7 (Most Impactful Project Plan Updates) , for the *Purified Water Project*, a correction on the last bullet item, the open/close parenthesis should say, "Phase 1 Only" instead of "Phase Only."

On Slide 8 (Con't of Most Impactful Project Plan Updates), for the *E1 Coyote Creek, Montague Expressway to Tully Road Project*, a correction on the last bullet item, the open/close parenthesis should say, "Phase 2 Only" instead of "Phase Only."

On Slide 9 (Six New Pending Project Plan Updates), updates after the last CIP Committee meeting on the six projects mentioned on the slide were a repositioning of where funding would occur, and cost associated with the consultant contract amendments included in this agenda as Item 4.3 were already included in the work plans.

On Slide 10 (Fund 61 Baseline Case graph), Carmen Narayanan, Financial Planning and Revenue Manager, stated that the scenario for Fund 61 for the January Board workshop would include impacts of an extended drought and baseline for the *Pacheco Reservoir Expansion Project* and *Purified Water Program Phase 1* placeholder; and that staff would be bringing to the full Board in early spring a 30-year projection for all these funds including long-term effect of WIFIA loans.

On Slide 14 (CIP Evaluation Team Recommendations), staff clarified that the recommendation to remove the *Long-term Purified Water Program* elements for Phase 2 was an old estimate that would be removed for now and that current focus would be on Phase 1; and that the refinement to the *South Babb Flood Protection project* would be on the needed cost updates.

On Slide 18 (CIP Evaluation Team Recommendations on Fund 61), staff cited financial modeling on the *Pacheco Reservoir Expansion Project* assuming project would be

removed from the CIP, the 35% partnership goal would not be reached; and on the *Purified Water Program* assuming significant grants, currently not included, would be received, or if there would a price reduction from market competition.

On Slide 19 (Fund 26, Scenario A graph), the staff recommendation to place on hold the Palo Alto Basin Tide Gates Project included staff's annual inspection of the basin to allow USACE to determine if this project could be part of their Shoreline 2 project.

On Slide 22 (Fund 26, Scenario B graph), on Item A.ii, the reference to FY24 tax growth (5% vs 2%) referred to the Safe Clean Water Special Parcel Tax and the 5% rate was based on last fiscal year's increase. On Item A.iv, *Sunnyvale East/West Channels Flood Protection Project* could be a two-year delay, and staff would work for a possible Google partnership as well as identify funding sources. On Item A.v, the reference to D6.3 projects included the *Hale Creek Enhancement Pilot Study* and *Bolsa Road Fish Passage Improvement* projects and that staff's recommendation on a third geomorphic study would be put on hold which would change the Safe Clean Water KPI and necessitate a public hearing. On Item A.v, the *Almaden Lake Creek/Lake Separation Project*, would remain on planning/design until other funding sources are identified. On Item A.vii staff's recommendation is to restore the *Ogier Ponds Creek Lake Separation Project* to meet mitigation requirement of the *Anderson Dam Seismic Retrofit Project* and a Safe Clean Water requirement to construct one project that had undergone a planning study.

During the presentation, the Committee requested of staff:

That in presenting a Pacheco Reservoir project background at the January workshop, staff would include effects to entire operation, infrastructure, and human resource components for the sake of new members attending; and

That in presenting Fund 26 scenario at the same workshop, staff to present the various credits Valley Water would receive from doing *Ogier Ponds Creek Lake Separation Project* as well as the already available funding sources for this project.

The Committee took a motion.

Motion: Approve CIP Evaluation Team recommendations to present to the full Board the following fund financial models:

- A. On Fund 61, financial modeling would show baseline for all project plan updates from Board adopted CIP FY23-27 Five-Year Plan; and baseline with extended drought scenario, with a range of assumptions for the Pacheco Reservoir Expansion Project and the Purified Water Program;
- B. On Fund 12, financial modeling would show baseline that includes all project plan updates from Board adopted FY23-27 Five-Year Plan; Palo Alto Flood Basin Tide Gates Replacement Project would be on hold indefinitely; and that SF Bay Shoreline Phase 1 would shift \$14M from FY24-26.
- C. On Fund 26, financial modeling would show baseline that includes all project plan updates from Board adopted FY23-27 Five-Year Plan; a higher FY24 tax growth (5%); a higher NRCS funding; Upper Penitencia Creek Flood Protection Project and Sunnyvale East/West Channels Flood Protection Projects on hold and place funding on reserve; not implement a 3rd geomorphic D6.3 project; Almaden Lake/Creek Separation Project to

remain on planning and design only; and proceed with Ogier Ponds Creek/Lake Separation Project.

Motion to
Approve: T. Estremera

Seconded: N. Hsueh

Chairperson Hsueh returned the agenda to Item 4.3

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

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

Chris Hakes and Emmanuel Aryee, Deputy Operating Officers, reviewed the information on this item, per the attached Board Agenda Memo.

The Committee noted that Amendment 1 to Agreement A4418A with COWI North America for Construction Management Services for the Anderson Dam Tunnel Project would be brought to the full Board at the December 13, 2022 meeting.

During the presentation, the Committee requested that staff discuss the regulatory requirement of Amendment 1 to Agreement A4418A at the December 13, 2022 presentation to the full Board.

The Committee took a motion:

Motion: Approve for Board approval four consultant agreement amendments for capital projects as follows:

- A. Amendment No. 9 to Agreement A3676A with URS Corporation for Design Services for Anderson Dam Seismic Retrofit Project, Project No. 91864005 and Engineering Support During Construction for Anderson Dam Tunnel Project, Project No. 91864006 (Time Extension, Scope Change, Cost Increase);
- B. Amendment No. 1 to Agreement A4418A with COWI North America, Inc. for Construction Management Services for Anderson Dam Tunnel Project No. 91864006 (Scope Change, Cost Increase);
- C. Amendment No. 3 to Agreement A3941A with GEI Consultants, Inc. for Design Services for the Guadalupe Dam Seismic Retrofit Project No. 91894002 (Time Extension)
- D. Amendment No. 1 to Agreement A4632A with CDM Smith, Inc. for Project Management Services for the Purified Water Project No. 91304001 (Administrative Updates)

Motion to
Approve: T. Estremera

Seconded: N. Hsueh

Chairperson Hsueh returned the agenda to Item 4.2.

4.2 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.

Chris Hakes reviewed the information on this item, per the attached Board Agenda Memo, and per the information contained in Attachment 1.

The Committee noted the information without taking formal action.

Chairperson Hsueh returned the agenda to Item 4.1.

4.1 Review Capital Project Monitoring - Construction Report.

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

Several staff reviewed the information on this item per the attached Committee Agenda Memo, and the corresponding material contained in Attachment 1.

The Committee noted the information without taking formal action.

Chairperson Hsueh moved the agenda to Item 4.5.

4.5 Review 2022 and 2023 Capital Improvement Program Committee Work Plans and 2023 Proposed Meeting Schedule.

Recommendation: A. Review the 2023 Capital Improvement Program Committee Draft Work Plan and make adjustments, as necessary; and
B. Confirm dates for 2023 CIP Committee meetings.

Chairperson Hsueh reviewed the items on the work plan for the next meeting on January 17, 2023, and added that this Committee would have full three members in 2023.

5. CLERK REVIEW AND CLARIFICATION OF COMMITTEE REQUESTS.

None.

6. ADJOURN.

Chairperson Hsueh adjourned the meeting at 12:50 p.m. to the next meeting on January 17, 2023.

Eva Sans
Assistant Deputy Clerk II

Approved:
Date:

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Santa Clara Valley Water District

File No.: 22-1443

Agenda Date: 2/13/2023

Item No.: 5.1.

COMMITTEE AGENDA MEMORANDUM **Capital Improvement Program Committee**

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

SUBJECT:

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.

SUMMARY:

The CIP Committee's 2023 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
Emmanuel Aryee, 408-630-3074
Bhavani Yerrapotu, 408-630-2735

File No.: 22-1443

Agenda Date: 2/13/2023
Item No.: 5.1.

Vincent Gin, 408-630-2633

Capital Project Monitoring - February 2023

Feasibility and Planning Phase			
Row	Project No.	Project Name	Notes, Upcoming Board Actions or potential issues
Water Supply			
1	91084019	Dam Seismic Stability Evaluation	Seismic stability evaluations for Coyote, Chesbro and Uvas Dams are on track for completion in December 2023. Spillway evaluations for Lenihan and Stevens Creek Dams are on track, and have been submitted for Division of Safety of Dams (DSOD) review.
2	92C40357	FAHCE Implementation	Fish and Aquatic Habitat Collaborative Effort (FAHCE) Phase 1 measures for Coyote Creek are being incorporated into the Anderson Dam Seismic Retrofit Project Environmental Impact Report (EIR), and its associated permitting package, as conservation measures for the larger project. The FAHCE Draft EIR for Stevens Creek and Guadalupe Watershed was out for public review until October 15, 2021. Comments are currently being addressed. Progress on the program is being reported to the Stewardship Planning and Operations Committee regularly, including updates on the EIRs, pilot flow implementation in Guadalupe Creek and Stevens Creek, initialing parties and adaptive management meetings, and progress in fish restoration in Coyote Creek, Guadalupe River, and Stevens Creek watersheds. Final EIR release is curently expected to be in summer 2023.
3	91304001	Purified Water Project - P3	Staff is continuing to make progress on the development of the Request for Proposal and Draft EIR and provide updates to the four shortlisted firms. Staff is continuing to collaborate with the City of Palo Alto staff on the agreements needed to implement the project. Staff is performing outreach to agencies, cities and landowners along the proposed pipeline route, as well as ensuring public acceptance of the project. Amendment No. 1 for the project management consultant (PMC) services with CDM Smith was executed on November 15, 2022 to modify contract terms and conditions relating to two additional subconsultants. The PMC updated the total Project cost estimate and CIP committee was informed at the November 14, 2022 meeting.
4	93044001	Water Treatment Plant (WTP) Master Plan Implementation Project	The asset needs and deficiencies for the three drinking water treatment plants were evaluated and prioritized. Evaluation criteria for future projects was developed.
5	95044002	SCADA Master Plan Implementation Project	The project team is currently engaging with various stakeholders and user groups to establish the future needs of SCADA, including those that may require improvements to system reliability or enhancements of system functionality. Initial findings indicate that staff is satisfied with the performance of the current SCADA system, but improvements could be made in the areas of alarm management and graphing of historical data. Manufacturing and support obsolescence of our existing SCADA equipment will also need to be addressed.
6	95044001	Distribution System Master Plan Implementation Project	Development of goals and objectives and a comprehensive planning-level water demand study is underway.
7	95084002	10-Year Pipeline Inspection and Rehabilitation Project	Staff is continuing coordination with internal stakeholders to update the current program. The East Pipeline Project, part of the 10-Year Pipeline Inspection and Rehabilitation, is currently in the planning/pre-design phase.
Flood Protection			
8	26324001	E4: Upper Penitencia Ck, Coyote Ck-Dorel Drive	In December 2019, the Board of Directors recommended staff proceed with Phase 1 (Coyote Creek confluence to King Rd.) and Phase 2 (King Rd. to Capitol Ave.) work. Per Board direction (on December 17, 2019), \$21M (uninflated) was transferred from this project to Coyote Creek. The Planning Study Report (PSR) was finalized in September 2022 and a transition meeting from planning to design was conducted in November 2022. The planning phase of this project is being closed out.
9	30154019	Guadalupe River - Tasman to Hwy 880	The Problem Definition Report was completed in July 2019. Feasible alternatives analysis is currently underway and a public meeting was held October 1, 2020. The PSR has been delayed due to extensive list of alternatives and the work required to analyze the alternatives. The Feasible Alternatives and Staff Recommended Alternatives Report is under development and is being elevated to the Chiefs for input on selection. The project will move into the design phase in summer 2023.

Capital Project Monitoring - February 2023

Feasibility and Planning Phase			
Row	Project No.	Project Name	Notes, Upcoming Board Actions or potential issues
10	00044026s	San Francisco Bay Shoreline - Phase II and Phase III	<p>The US Army Corps of Engineers (USACE) Phase II Feasibility Study began September 26, 2019. The USACE approved a cost increase and schedule extension in 2021. The revised study cost is now \$5.6M with a study completion date of April 2025. Valley Water is responsible for 50% of the study cost. The Phase II study includes Economic Impact Areas (EIAs) 1-4 (from San Francisquito Creek in Palo Alto to Permanente Creek in Mountain View). The USACE has completed an Economic Feasibility Analysis that determined that the future economic damage from coastal flooding is not great enough to justify investing federal dollars in a project until 2060. USACE analysis assumed that Valley Water will replace the Palo Alto flood basin tide gate structure; however, the replacement may be postponed in Valley Water's Capital Improvement Program. Staff discussed with the USACE in January if postponement of the tide gate structure replacement warrants an update to the economic analysis, and alternatives for continuing to move the two projects forward.</p> <p>USACE has received \$1.5M to begin a Phase III Feasibility Study for EIAs 5-10 (from Permanente Creek in Mountain View to Guadalupe River in San Jose) and USACE is awaiting implementation guidance from their leadership.</p>
11	50284010	Llagas Creek–Lower, Capacity Restoration, Buena Vista Road to Pajaro River	Project was on hold due to staffing resources that were required for the Upper Llagas' Project's accelerated schedule. Staff has resumed moving forward with revising and updating the Draft Planning Study Report (from March 2013) to include updated site conditions and resulting hydraulic model updates, and to re-evaluate alternatives based on updated existing conditions.
Water Resources Stewardship			
12	62044001	Metcalf Pond Feasibility Study	Planning team engaged Steering Committee members with Planning Charettes (problem definition and conceptual alternatives) in 2020. Draft feasibility report is currently being updated to include hydraulic analysis of the existing fishway and to be consistent with Phase 1 and 2 work under the Anderson Dam Federal Energy Regulatory Commission-ordered Compliance Project (FOCP).
13	20444001	Calabazas/San Tomas Aquino Creek-Marsh Connection Project	Final Feasibility Study Report was presented to the Board for study direction in April 2021. Board approved the project to proceed into planning phase. Project was presented to the Board for budget adjustment and acceptance of awarded grants on December 14, 2021. Consultants have been procured and the project is now actively in the planning phase for problem definition and alternatives development.
14	26044003	Ogier Ponds Planning Study	Staff is proceeding with early planning phase tasks to develop conceptual alternatives as negotiations with the landowner (Santa Clara County Parks) on a property use agreement are finalized. The planning study is being closely coordinated with Anderson Dam Seismic Retrofit Project work. Initial conceptual alternatives have been developed and discussed with Santa Clara County Parks and is being negotiated and finalized with the regulators.
Buildings & IT			
15	60204032	Headquarters Operations Building	Project team is working with a consultant on a report that analyzes four feasible strategies for the Maintenance Building. Each strategy details optional methods for the renovation of the building to meet the current needs for space and other operational functions. Included in this report are schedule impacts and a rough order of magnitude cost analysis for each strategy. The \$2M budgeted for FY23 will cover the consultant fees and any additional design fees for the report. A preliminary version of the report will be made available in Q1 of calendar year 2023.



Santa Clara Valley Water District

File No.: 23-0039

Agenda Date: 2/13/2023

Item No.: 5.2.

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 Design and Permitting Phase.

RECOMMENDATION:

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

SUMMARY:

The 2023 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; and construction. Staff will present projects to the Committee for review one phase at a time. Projects currently in the design/permitting 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 is a list of projects in the design and permitting phase. A verbal report will be provided at the meeting with more detailed information about recent developments on the projects listed in Attachment 1.

ATTACHMENTS:

Attachment 1: Design and Permitting Report

UNCLASSIFIED MANAGER:

Bhavani Yerrapotu, 408-630-2735
Emmanuel Aryee, 408-630-3074
Christopher Hakes, 408-630-3796

Capital Project Monitoring Report - February 2023

Design and Permitting Phase						
Row	Project No.	Project Name	Notes, Upcoming Board Actions or potential issues	Planned CM Services		
				Internal	External	Combination
Water Supply						
1	91234002	Coyote Pumping Plant ASD Replacement	The Board of Directors approved the Engineer's Report and California Environmental Quality Act (CEQA) exemption declaration in November 2022. The Board approved the Design-Build Agreement in January 2023.			X
2	95084002	10-Yr Pipeline Inspection & Rehabilitation Project (Santa Clara Conduit Inspection and Rehabilitation Project - Phase 2)	Final design will be complete by January 2023. Advertisement is scheduled for March 2023.	X		
3	95084002	10-Yr Pipeline Inspection & Rehabilitation Project (Snell Pipeline)	100% design was completed in December 2022. Final design is scheduled to be completed by March 2023. Advertisement is scheduled for May 2023.	X		
4	95084002	10-Yr Pipeline Inspection & Rehabilitation Project (West Pipeline)	Staff is working to complete 90% design by February 2023. Final design for Phase 1 is scheduled to be complete in July 2023.	X		
5	26764001	A3: IRP2 Additional Line Valves	Snell Pipeline valve construction is scheduled to occur with the Snell Pipeline Inspection and Rehabilitation Project in summer 2023. Design for all four valves has been completed. Construction on the first line valve located at the Snell Pipeline will proceed together with the Snell Pipeline Inspection and Rehabilitation construction project scheduled for summer 2023.	X		
6	92144001	Pacheco/Santa Clara Conduit Right-of-Way Acquisition Project	The National Environmental Policy Act (NEPA) clearance was obtained in November 2022. Staff are in the process of obtaining permits to install driveways, gravel and gates. Appraisals for property acquisitions are expected to be received in February 2023.	X		
7	94084007	Treated Water Isolation Valves Project	60% design is scheduled to be completed by March 2023.	X		
8	92264001	Vasona Pump Station Upgrade Project	The final California Environmental Quality Act (CEQA) Memorandum is anticipated to be completed in August 2023.			X
9	93234044	Penitencia WTP Residuals Management Project	The Alternatives Development Report and Preliminary Design Report are currently under review by staff and are expected to be completed by February 2023. The project is transitioning into the 30% design phase.	X		
10	93294057	Rinconada WTP Reliability Improvement Project	The final design submittal is in review by staff. The Board of Directors approved the consultant agreement for construction management and inspections services in January 2023.			X
11	93084004	WTP Electrical Improvement Project	A scope change to replace two motor control centers in the project has been approved by staff and will be incorporated into the design. Staff is working on 90% design.	X		
12	91094001	Land Rights- South County Recycled Water Pipeline	Pipeline location activities began in January 2023 for the pipeline alignment along Gilroy High School to Method Construction. Completed documentation (CAD Files) of the pipeline location is expected in February 2023.	N/A		
13	91894002	Guadalupe Dam Seismic Retrofit - Design & Construct	Preliminary 90% design documentation was submitted by the consultant in December 2020. Design documentation is under review. Work is also underway to prepare the environmental documentation and commence outreach to regulatory agencies for permitting.			X
14	91954002	Pacheco Reservoir Expansion Project	Staff and the consultant team are working on addressing the Draft Environmental Impact Report (EIR) comments and developing a plan for the Final EIR. The team submitted the 30% design package to Division of Safety of Dams (DSOD) in June 2022 for review and comment along with a portion of the DSOD permit fee. Planning documents have been revised and finalized to reflect the earthfill dam design included in the 30% design since the hardfill dam option was abandoned based on DSOD concerns. Additional environmental and geotechnical field investigations have started and will continue into late 2023. Consultant agreement amendments to extend the term of agreements for both project consultants (Planning/Design/Environmental Consultant [PDEC] & Project Management Consultant [PMC]) were presented to the CIP Committee on October 17, 2022, where the PDEC requested a retention modification amendment. Staff provided a project status update, along with the completed Planning Study Report, at the Board meeting in January 10, 2023. Next steps are to present a project milestone review in early March 2023 and an informational item requesting an amendment to extend the PDEC's agreement and to modify retention in late March 2023 to the Board.			X

Capital Project Monitoring Report - February 2023

Design and Permitting Phase

Row	Project No.	Project Name	Notes, Upcoming Board Actions or potential issues	Planned CM Services		
				Internal	External	Combination
15	91864005	Anderson Dam Seismic Retrofit (C1: Fund Transfer KPI)	The 90% design for Anderson Dam Seismic Retrofit Project (ADSRP) is currently underway. Staff completed their review of the 90% design document in November 2022. The 90% design documents are scheduled to be submitted for Federal Energy Regulatory Commission (FERC), Division of Dams (DSOD), and Board of Consultants (BOC) review in March 2023. BOC Meeting No. 15(b) to discuss stochastic hydrology is scheduled for March 20, 2023. BOC Meeting No. 16 to present the 90% design documents is scheduled for the week of May 8, 2023. A Construction Potential Failure Mode Analysis (PFMA) Workshop is planned for June 2023. The 90% design for interim dam winterization, spillway improvements, and County Park restorations are scheduled to be submitted for FERC, DSOD, and BOC review in June 2023 to complete the 90% design documents. The final design is anticipated to be completed and submitted for FERC, DSOD, and BOC review in 2024. The schedule for the final design is dependent on when FERC, DSOD, and BOC complete their review of the 90% design documents. An amendment to the agreement with the environmental consultant was approved by the Board on January 24, 2023. An amendment to the agreement with the design consultant is scheduled to be presented to the Board of Directors on February 14, 2023.			X
16	91864008	Coyote Creek Chillers Plant Project	The team continues to review submittals for the preprocured equipment for the Chiller Plant. The team plans to go to the Board of Directors in May 2023 for approval and authorization to advertise the project for bid.	X		
17	91864007	Coyote Creek Flood Management Measures Project	Due to the Anderson Dam Seismic Retrofit Project (ASDRP) FERC Order, this project was split off from Coyote Creek Flood Protection Project No. 26174043 to be completed before Anderson Dam Tunnel Project (ADTP) is operational. The design consultant submitted the 100% submittal documents on January 13, 2023. Staff submitted an updated amendment to the Federal Energy Regulatory Commission Order Compliance Project (FOCP) Lake and Streambed Alteration Agreement (LSAA) and the Condition 7 Plan as part of the FOCP 401 certification in October 2022. Staff received approval of Condition 7 Plan in November 2022. Staff also submitted the Valley Habitat Plan package and paid the required fee in December 2022. Right-of-way transactions are in progress with appraisals and offer packages being prepared by the real estate consultant. Current project cost estimates are significantly higher than the budgeted costs primarily due to inflation, real estate costs, design modifications to accommodate proximity to the residents, and field conditions requiring more complex design than anticipated. The construction documents are scheduled for advertisement on February 28, 2023 with an anticipated start of construction in May 2023. Staff is in the process of procuring construction management consultant services and anticipates to bring a recommended construction management consultant agreement for Board of Directors consideration before the end of FY23.		X	
18	91864009	Coyote Percolation Dam Replacement Project	The plans and specifications have been completed as of January 10, 2023. Staff is awaiting approval from DSOD for the final plans and specifications; if received during the bid advertisement period, any required design documents revisions from DSOD will be published in addenda. No construction contract will be awarded until DSOD approval is received. The Board of Directors authorized staff to advertise the construction contract on January 24, 2023.	X		
Flood Protection						
19	10394001	Palo Alto Flood Basin Tide Gate Structure Replacement	There has been a significant increase in construction costs largely due to excavation, increased cost of fill, control of water, and biological monitoring permit requirements. During the January 10, 2023 Board Meeting, the Board reviewed and approved Valley Water's Capital Improvement Program's Preliminary Fiscal Year 2024-2028 Five-Year Plan list of projects for the Watershed Stream Stewardship Fund, which included the staff recommendation to put the Palo Alto Flood Basin Tide Gate Structure Replacement Project on-hold indefinitely. Staff recommend implementing the project in two phases: Phase 1 work will be to design and construct a seismic retrofit and rehabilitation of the existing tide gate structure to extend the service life of the existing structure and Phase 2 work will be to work with the USACE for a long-term replacement tide gate structure as part of the South San Francisco Bay Shoreline Phase II Project.		X	

Capital Project Monitoring Report - February 2023

Design and Permitting Phase

Row	Project No.	Project Name	Notes, Upcoming Board Actions or potential issues	Planned CM Services		
				Internal	External	Combination
20	26284002	E5: San Francisquito Creek - Upstream of HWY 101	<p>The project consists of four distinct but interrelated sub-projects in various stages of design. Final EIR for the project was certified in September 2019 and San Francisquito Creek Joint Powers Authority (SFCJPA) submitted draft permit applications in July 2022.</p> <p>1) Newell Road Bridge Design and construction for this project are led by the City of Palo Alto. Valley Water's role as a member agency of SFCJPA is to provide technical review and funding for the project. The City of Palo Alto secured Caltrans Highway Bridge Program funding for design and right-of-way acquisitions and is seeking to secure the funds for construction. Currently, this project is anticipated to start construction in summer 2024.</p> <p>2) Channel Widening design Design for this sub-project is at 60%. SFCJPA is looking to have this project funded through the USACE Continuing Authorities Program (CAP) 205 Process. A Tentatively Selected Plan (TSP) was approved by the USACE and the feasibility study report was completed in July 2022 and final study report is expected in early 2023. USACE and SFCJPA completed the NEPA scoping workshop in October 2021. Construction for this project is anticipated to start in summer 2024, pending CAP 205 funding.</p> <p>3) Top-of-Bank improvements Design for top-of-bank improvements is currently underway and because of the extent of the improvements that go beyond the scope of the Final EIR, SFCJPA procured a consultant to complete a supplemental EIR for this scope of work. Construction for this sub-project is anticipated in summer of 2024 to coincide with channel widening construction.</p> <p>4) Pope-Chaucer Bridge Design for this sub-project is at 80%. Construction is anticipated to start in summer of 2025 following the completion of the Channel Widening, top-of-bank improvements, and Newell Road Bridge construction.</p>		X	
21	26074002	E2: Sunnyvale East and West Channels	<p>Project design is 99% complete. Google has received the regulatory permits for their new campus development. Valley Water is working to resubmit the Sunnyvale East and West Channels project permits since the Regional Water Quality Control Board (RWQCB) deemed Valley Water's 2017 San Francisco Bay Area Joint Aquatic Resources Permit Application (JARPA) expired/outdated. Valley Water's Board of Directors approved the CEQA addendum and the agreement with Google at their February 22, 2022 meeting. Valley Water anticipates resubmitting the permit applications to various Resource Agencies (USACE, RWQCB, California Department of Fish and Wildlife, Bay Conservation Development Commission) in late February 2023. The project is included as part of the WIFIA funding package which requires an Environmental Protection Agency (EPA) Section 7 consultation. Staff received initial comments and is reviewing those comments to respond as quickly as possible. Valley Water is constructing the Sunnyvale West Channel as Phase 1 and the Sunnyvale East Channel as Phase 2.</p>	X		
22	26154003	E8: Upper Guadalupe River - SPRR to Blossom Hill Road (Reaches 7-12)	<p>In January 2021, the USACE began re-evaluating the entire project, including re-evaluating the project's alternatives and benefit-cost-ratio, with the goal of making the project more competitive for federal funding. The study will take three years and is estimated to be completed by January 2024. On September 9, 2022 USACE presented the "Tentatively Selected Plan" and staff reviewed and supported the plan. USACE provided a draft Environmental Assessment (EA)/Feasibility Report for Valley Water review on October 3, 2022. Valley Water staff completed review and provided comments to the USACE on October 17, 2022. The draft EA/Feasibility Report went through a public scoping period from November 7 - December 16, 2022. Valley Water and USACE also conducted a public meeting in San Jose on December 8, 2022 to provide an update to the general re-evaluation study progress.</p>	N/A	USACE construction	

Capital Project Monitoring Report - February 2023

Design and Permitting Phase						
Row	Project No.	Project Name	Notes, Upcoming Board Actions or potential issues	Planned CM Services		
				Internal	External	Combination
23	26174043	E1: Coyote Creek - Montague Expressway to Tully Road (for 2017 flood event criteria)	Due to the ADSRP FERC Order, this project was split into two projects: Coyote Creek Flood Management Measures Project (CCFMMP) and Coyote Creek Flood Protection Project (CCFPP). Final draft Planning Study Report for the CCFPP and CCFMMP to protect from a 2017 equivalent flood event was completed in March 2022. The design consultant completed the 30% design documents in 2022 and 60% design documents are expected in March 2023. Staff is in the process of seeking construction management consultant services for CCFMMP and anticipates bringing a consultant agreement for construction management services for Board approval in spring 2023. The consultant selection will include an option to, at Valley Water's discretion, consider the same consultant for CCFPP construction management services. Staff is currently working on CEQA-related documentation for the project.		X	
24	26174051 26174052 26174054 26174055	E6: Upper Llagas Creek, Phase 2B (Portion of Reach 8, and Reaches 6, 7B, and 14)	Project is fully permitted, with Phase 1 completed, and Phase 2A in construction. The project's last phase, Phase 2B, is seeking funding options. On August 17, 2021, the National Resource Conservation Service (NRCS) notified Valley Water of committed funding to construct Phase 2B. The funding amount available is over \$80M. Staff is working to satisfy NRCS requirements as quickly as possible. Staff was informed by the EPA that Upper Llagas Phase 2B would not be eligible for a Water Infrastructure Finance and Innovation Act (WIFIA) loan because of USACE involvement per the Water Resources Development Act (WRDA).			X (2B-TBD)
25	00044026	San Francisco Bay Shoreline, EIA 11 - Alviso Slough to Coyote Creek	Design of Union Pacific Railroad closure and pedestrian bridge structures on hold pending path forward on impact to railroad operation, bridge height, and resolution on resource agency comments. Design of Reaches 4-5 elements is on hold to explore funding sources for project cost shortfalls and ways to lower Reaches 4-5 costs.	N/A	USACE construction	
26	62084001	Watershed Asset Rehabilitation Program (WARP)	Under the WARP, several concurrent projects are being developed for construction in summer 2023. These include two erosion repair projects on Guadalupe River and one on Coyote Creek for animal damage restoration. For summer of 2024, four projects are in various stages of design: U-Frame replacement on Permanente Creek and Hale Creek and erosion repair on Coyote Creek and Guadalupe River.	X		
Water Resources Stewardship						
27	26044001	D4: Almaden Lake Improvements	Final EIR was certified by Board of Directors on May 11, 2021. At the May 11 meeting, the Board of Directors selected the project to be constructed under Key Performance Indicator (KPI) #2 of Safe Clean Water (SCW) D4. The 60% cost estimate is significantly higher than budgeted and staff evaluated the feasibility of implementing cost saving measures. As a result, staff determined that it is not feasible to reduce the project costs without impacting the project's core objectives. Public hearing took place on January 24, 2023 for the Board of Directors to select Ogier Ponds Project to be constructed under KPI #2.	X		
Buildings & IT						
No projects to report						



Santa Clara Valley Water District

File No.: 22-1448

Agenda Date: 2/13/2023

Item No.: 5.3.

COMMITTEE AGENDA MEMORANDUM **Capital Improvement Program Committee**

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

SUBJECT:

Receive an Update on the Water Treatment Plant Master Plan Implementation Project No. 93044001.

RECOMMENDATION:

Receive an update on the Water Treatment Plant Master Plan Implementation Project No. 93044001.

SUMMARY:

In response to a Capital Improvement Program Committee request on October 17, 2022, staff has prepared an update (Attachment 1) on the Water Treatment Plant Master Plan Implementation Project (Project).

Background

The Project scope entails having a consultant prepare a 30-year implementation plan which identifies projects to repair, replace, and/or upgrade Valley Water's infrastructure at the Rinconada Water Treatment Plant, Penitencia Water Treatment Plant, Santa Teresa Water Treatment Plant, and the Advanced Water Purification Center; address increasingly stringent water quality regulations; and to implement projects the Board approves relating to the objectives of the Project. The consultant will also prepare a programmatic Environmental Impact Report pertaining to the infrastructure projects. The Project commenced during FY 2022 and will take three years to complete.

Update

Attachment 1 provides updates on the following:

1. Project purpose
2. Project overview
 - a. Master planning overview
 - b. Master planning process

3. Condition assessment update
4. Next Steps:
 - a. Criteria for project alternatives
5. Additional Details

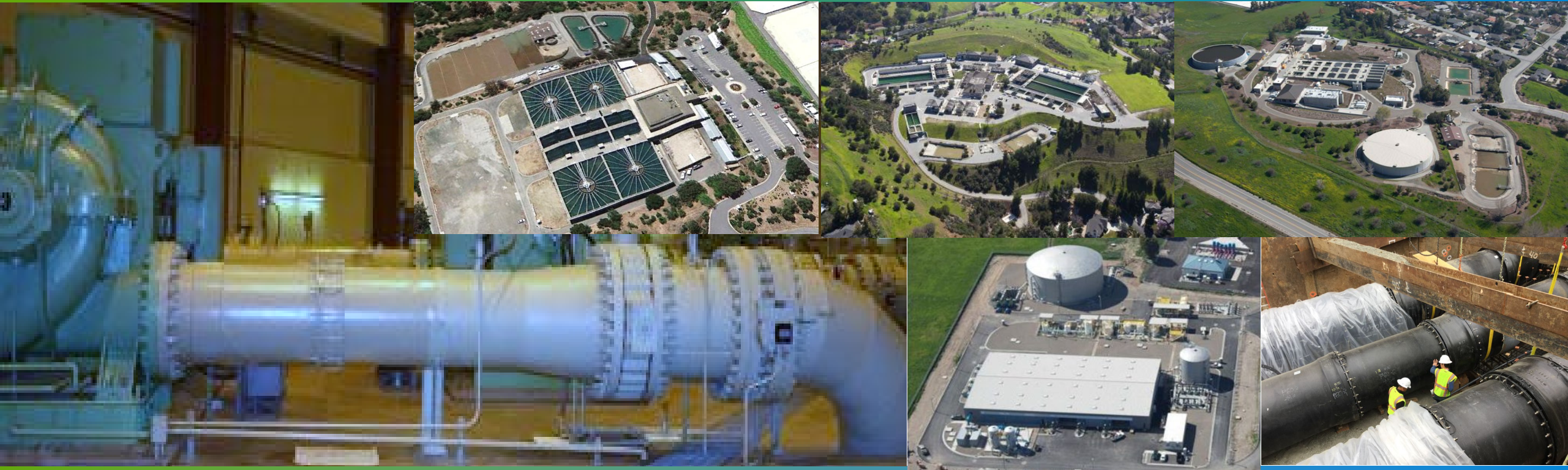
Staff will continue to provide quarterly updates to the CIP Committee on Project progress and include requests for Committee input on key project proposals and recommendations.

ATTACHMENTS:

Attachment 1: PowerPoint

UNCLASSIFIED MANAGER:

Luz Penilla, 408-630-2228



Receive an update on the Water Treatment Plant Master Plan Implementation Project No. 93044001 – Condition Assessment Update

Presented to the CIP Committee by: Luz E. Penilla, Assistant Officer (Office of Integrated Water Management)

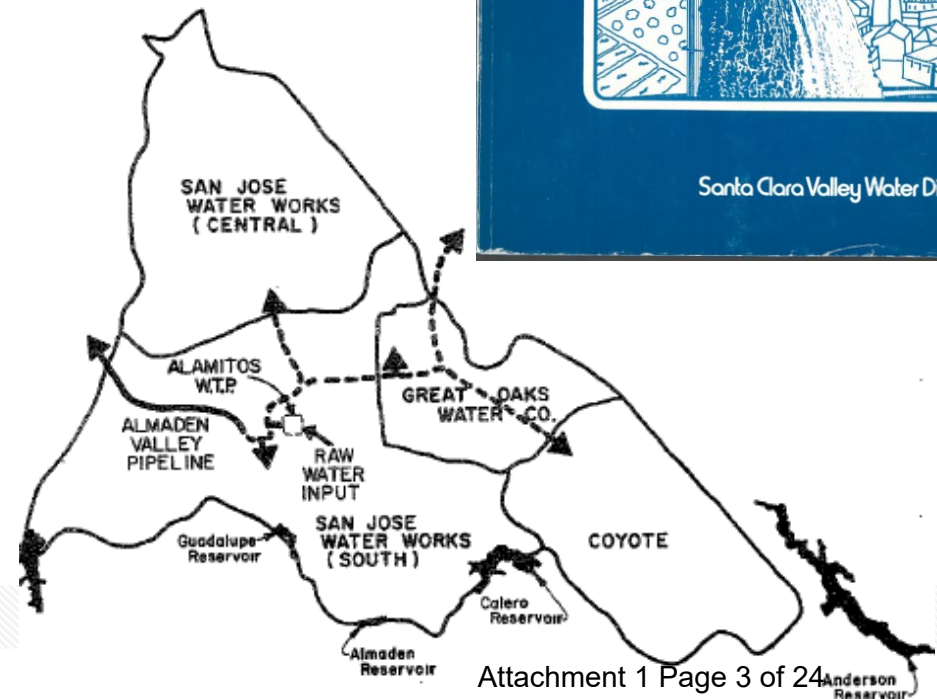
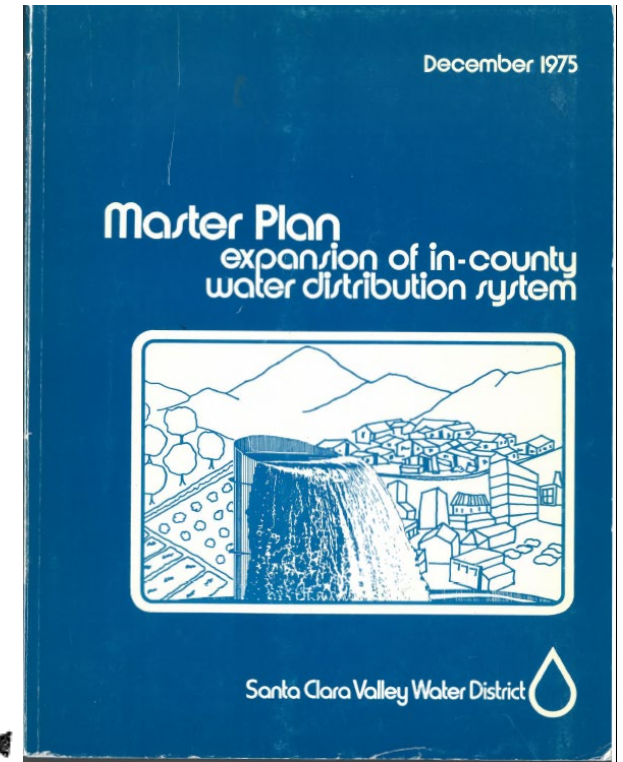
February 13, 2023

Outline

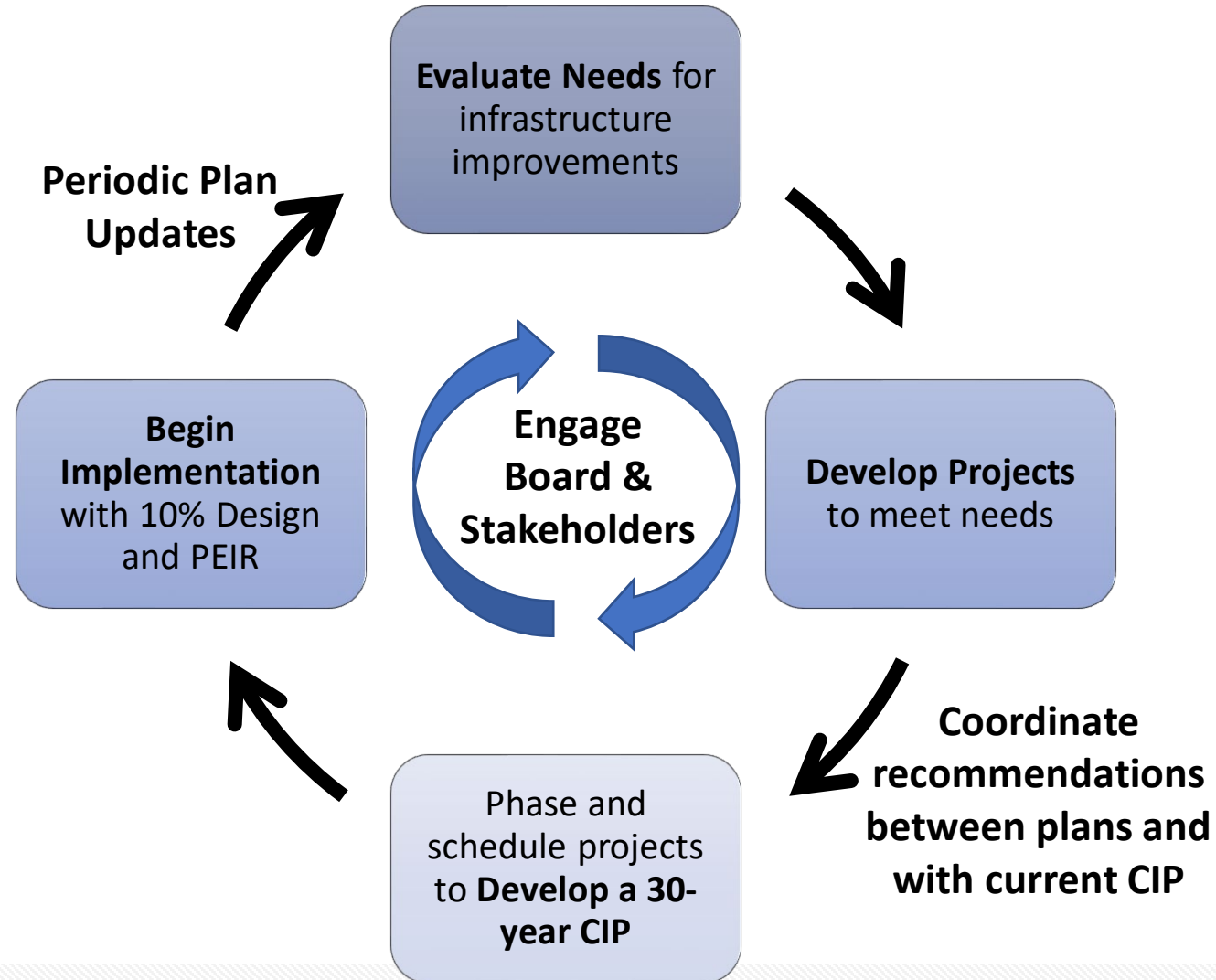
- 1. Purpose**
- 2. Project overview**
 - Master planning overview
 - Master planning process
- 3. Condition assessment update**
- 4. Next steps**
 - Criteria for project alternatives
- 5. Additional details**

Purpose

- Last comprehensive infrastructure master plan was in 1975
- Currently facing variety of needs for infrastructure investments due to:
 - Aging and obsolete infrastructure
 - Changes in future demands
 - Upcoming regulatory requirements
 - Need to improve efficiency
 - Need for redundancy to enable maintenance and prevent service outages
 - New supplies coming online

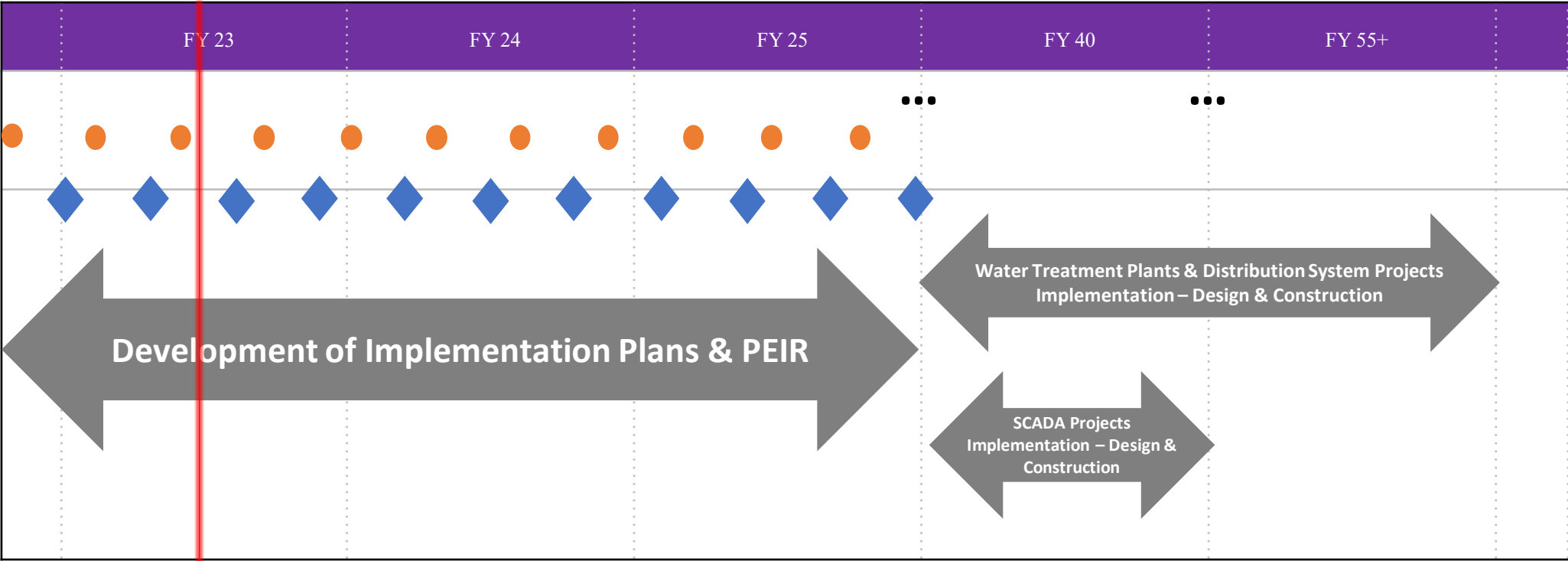


Overview: Infrastructure Master Planning Process



Project Timeline

Implementation Projects Timeline (in FYs)



PEIR = Programmatic Environmental Impact Report

● Steering Committee Meetings (quarterly during IP Development)

◆ Multiple Board/CIP Committee Updates and/or Appropriate Recommendations (Dates TBD)

WTP IP Overview

Consultant:
Carollo Engineers



Budget: \$9.46M
Carollo: \$6.46M
VW Labor: \$3.00M



Schedule:
Nov 2021 – Oct 2024

Key Deliverables:

- 30-year WTP program of recommended capital projects for Penitencia, Rinconada, Santa Teresa Water Treatment Plants and the Advanced Water Purification Center.
- 10% design for projects within first 10 years of planning horizon
- Programmatic Environmental Impact Report (PEIR)

Stakeholder Engagement – 100+ Meetings Completed

Water Retailers Meetings:

- Mountain View •Sunnyvale •San José
- Santa Clara •Milpitas •Palo Alto •San Jose Water Co. •Cal Water Co. •Great Oaks Water Co.

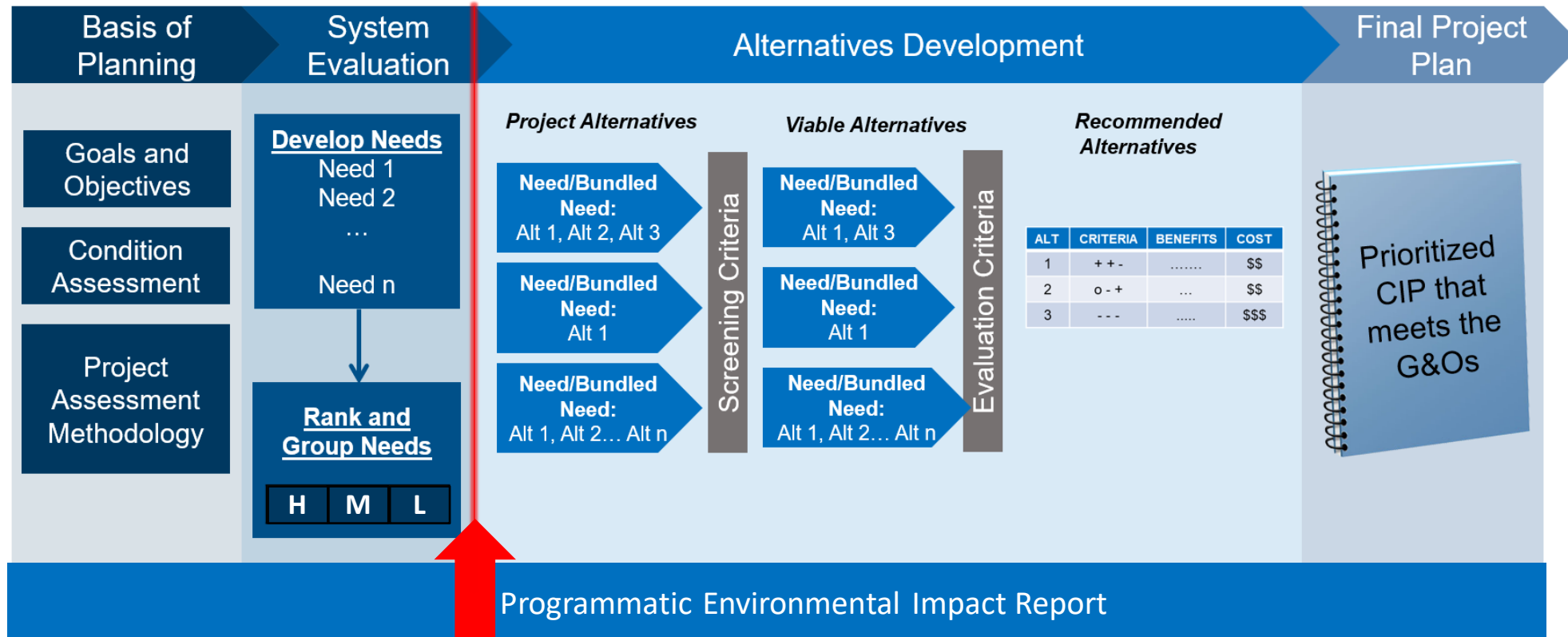
Quarterly Steering Committee Meetings

VW Team Meetings:

- Executive Leadership •Operations & Maintenance •Facilities/Security/IT
- Engineering •Communications •Finance
- CIP •Environmental Planning • Diversity Equity & Inclusion •Water Supply •Water Quality



Master Plan Development Process

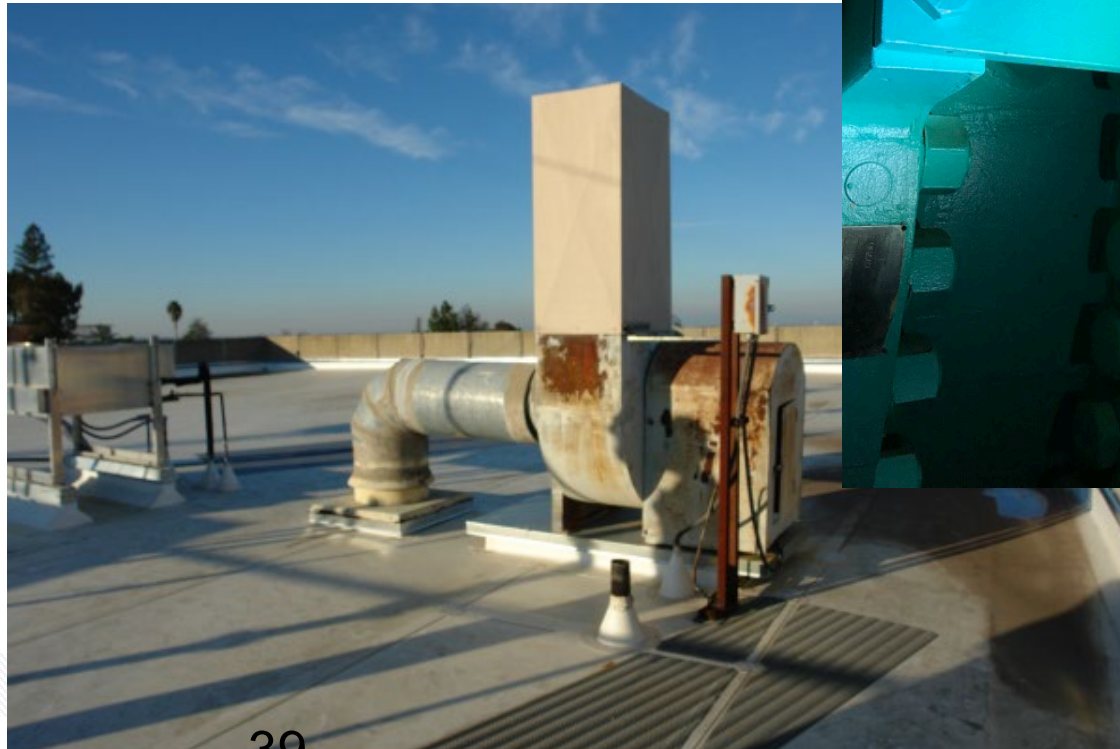


We are here

Condition Assessment

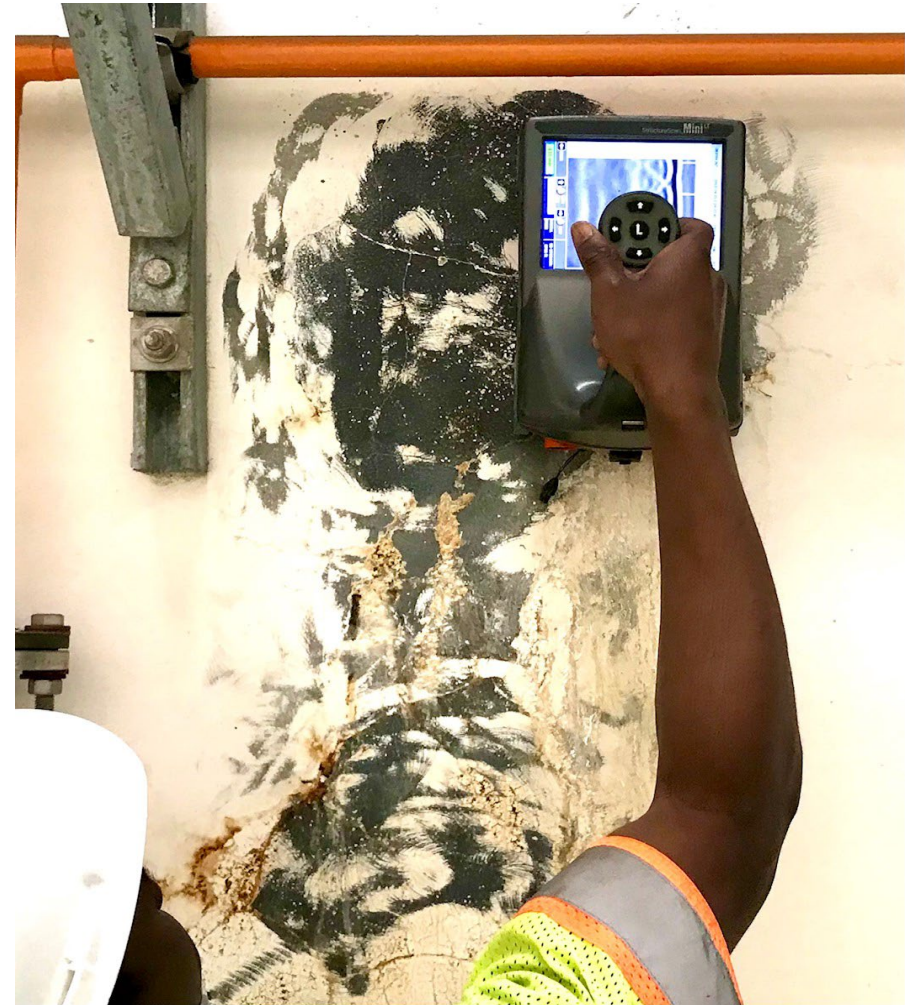
Asset Definition

- Assets defined as:
 - Minimum replacement cost \$20,000
 - Minimum useful life 2 years
 - Criticality – needed for system to meet level of service



Condition Assessment

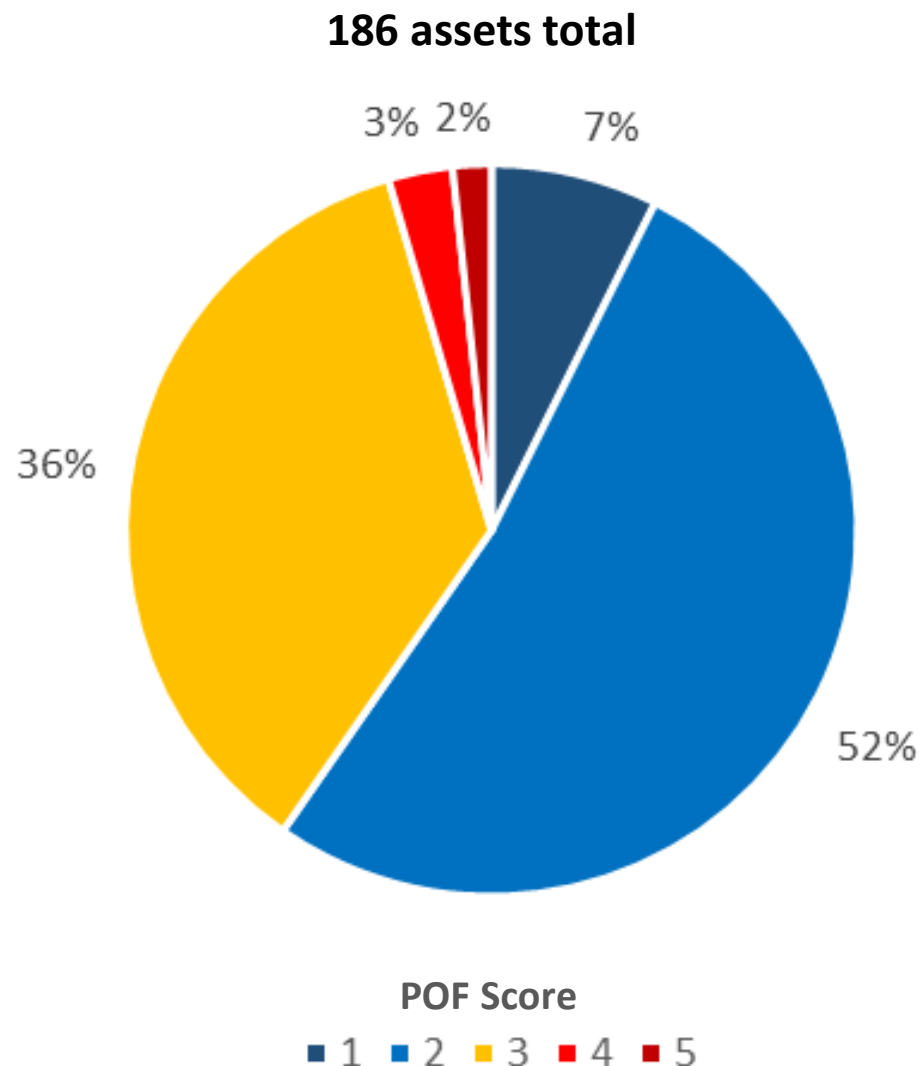
- Participants visited all three WTPs in March – April 2022
- Field condition assessment (186 assets)
 - Accessible
 - Visual inspection with some corrosion inspections
- Desktop assessment (174 assets)
 - Inaccessible
 - Age-based



Field Condition Assessment Findings

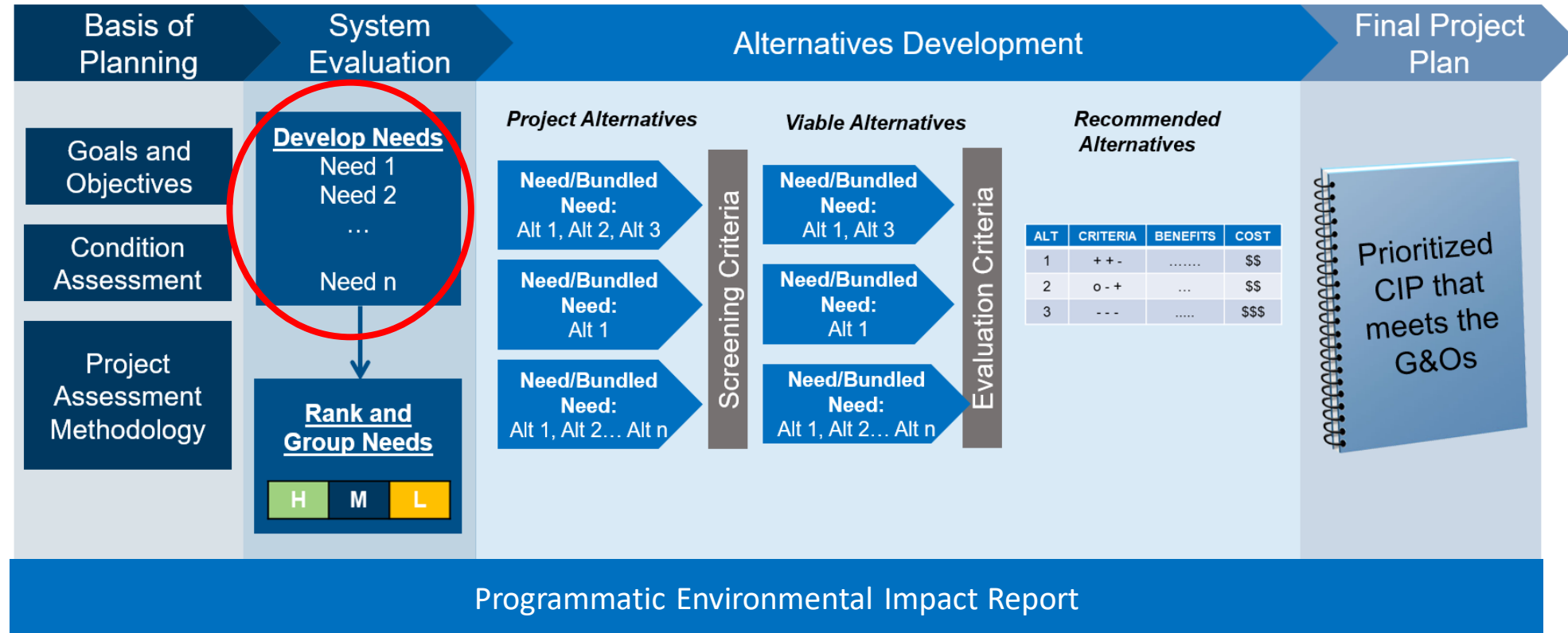
Probability of Failure (POF) Scores: PWTP, RWTP, STWTP

POF Score	Description of POF Score
1	Good
2	Acceptable
3	Fair
4	Poor
5	Failed

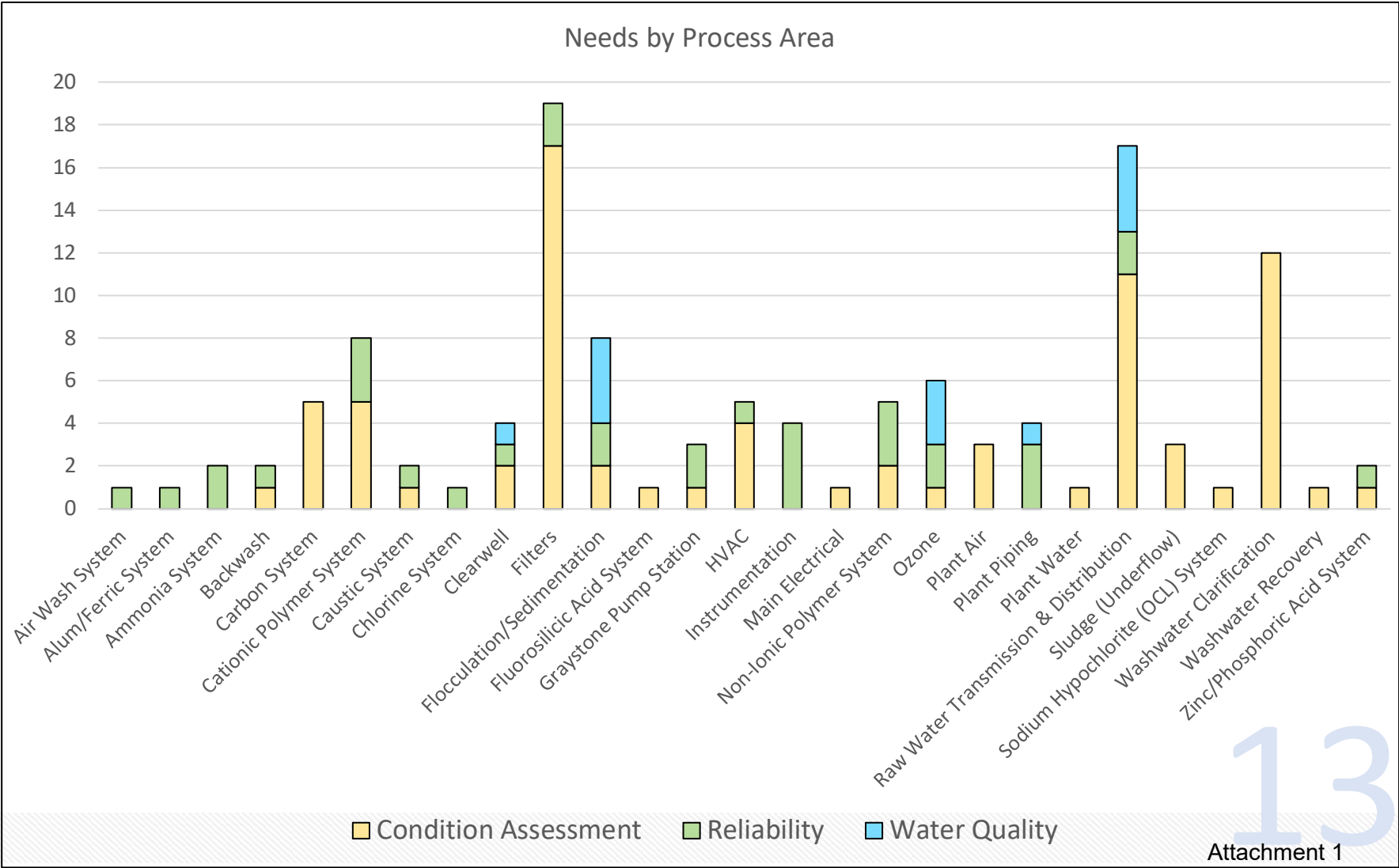
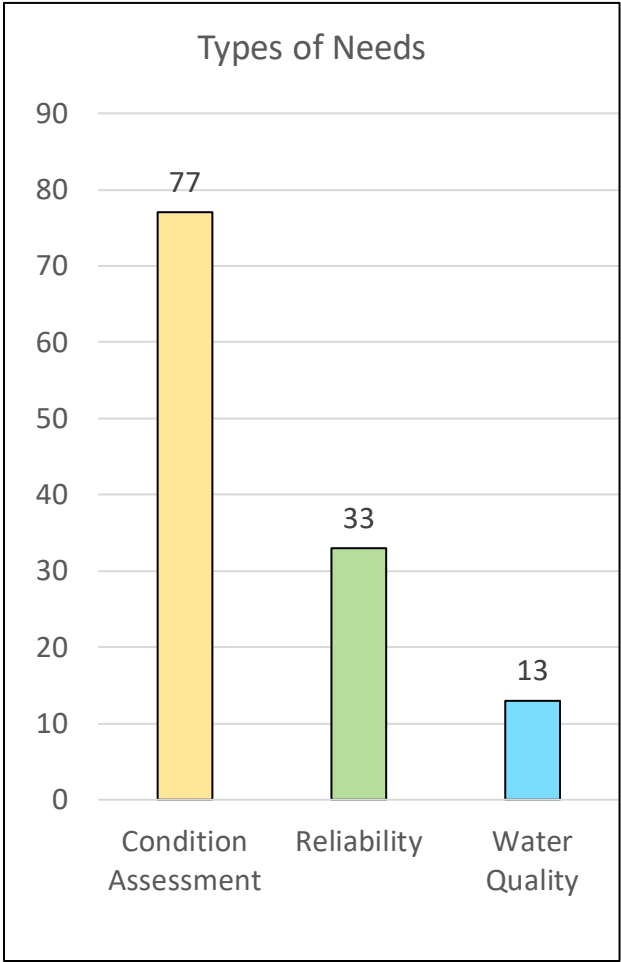


POF Score	PWTP Assets	RWTP Assets	STWTP Assets
1	2	5	6
2	29	21	48
3	22	16	26
4	4	3	1
5	2	1	0

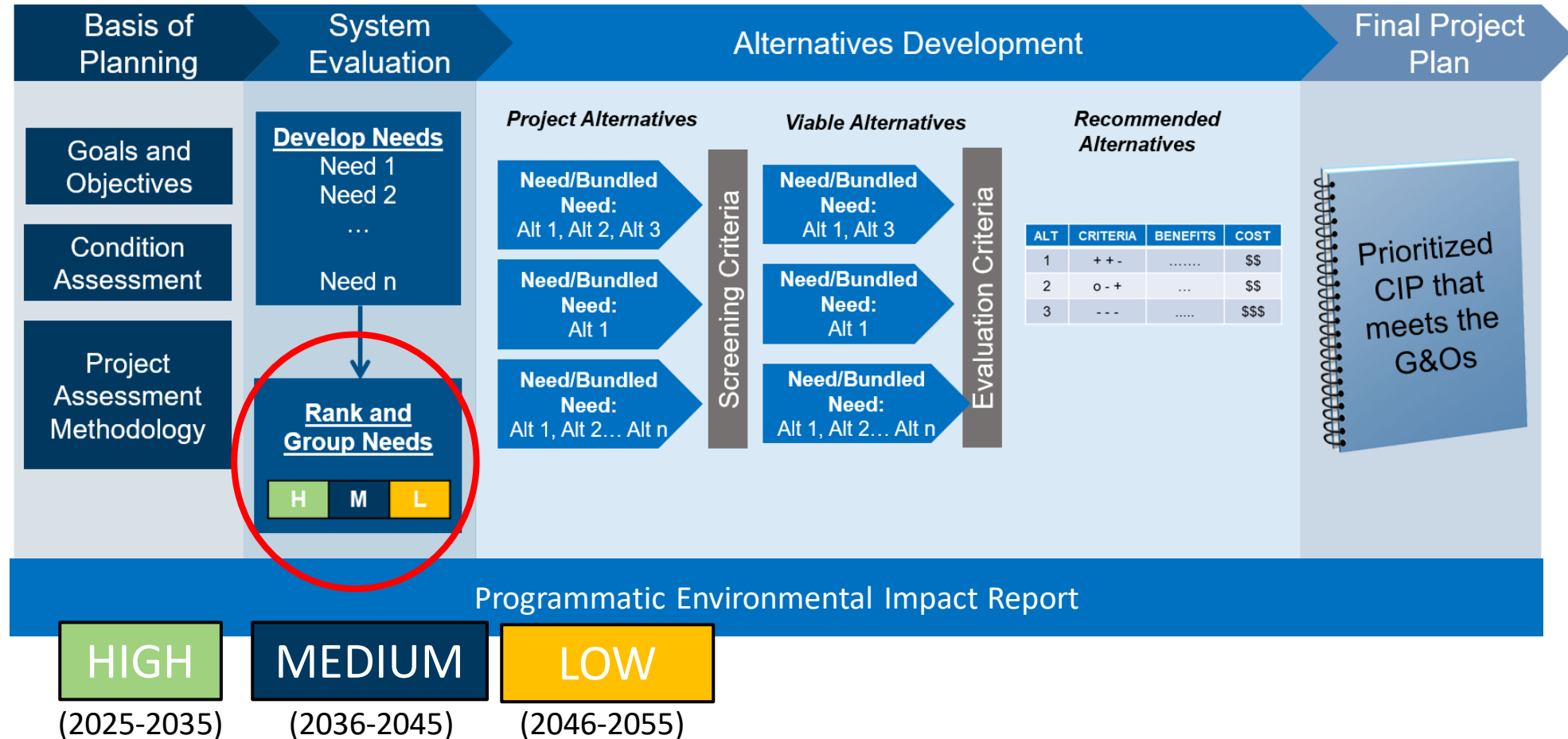
Master Plan Development Process



Santa Teresa Needs Identification (Latest Findings)



Master Plan Development Process



Santa Teresa Needs Bundling Example

Condition-Based Needs:

Reliability Need:

Replace cationic
polymer tank #10
mixer (MX-1)

Replace cationic
polymer tank #11
mixer (MX-2)

Replace cationic
polymer piping

Cationic polymer
blending unit with
no standby shelf
spare needs
redundancy

*Related needs bundled together to
be addressed under one project*

Bundled Needs Prioritization

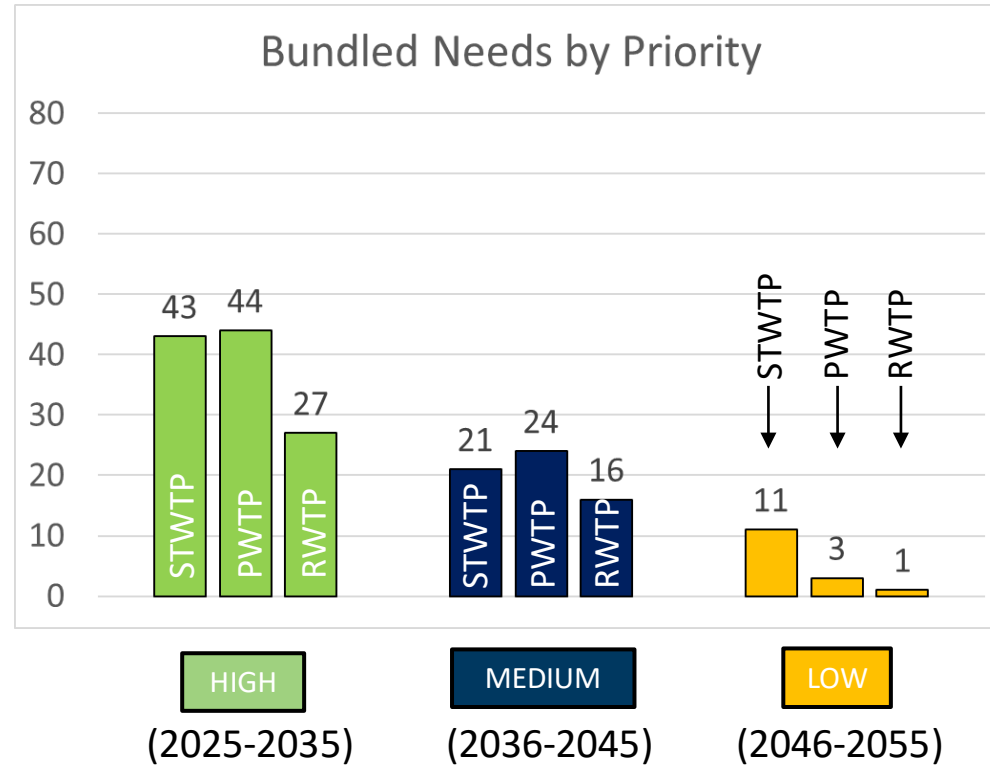


Needs bundled based on synergies – similar asset types, process areas, etc.



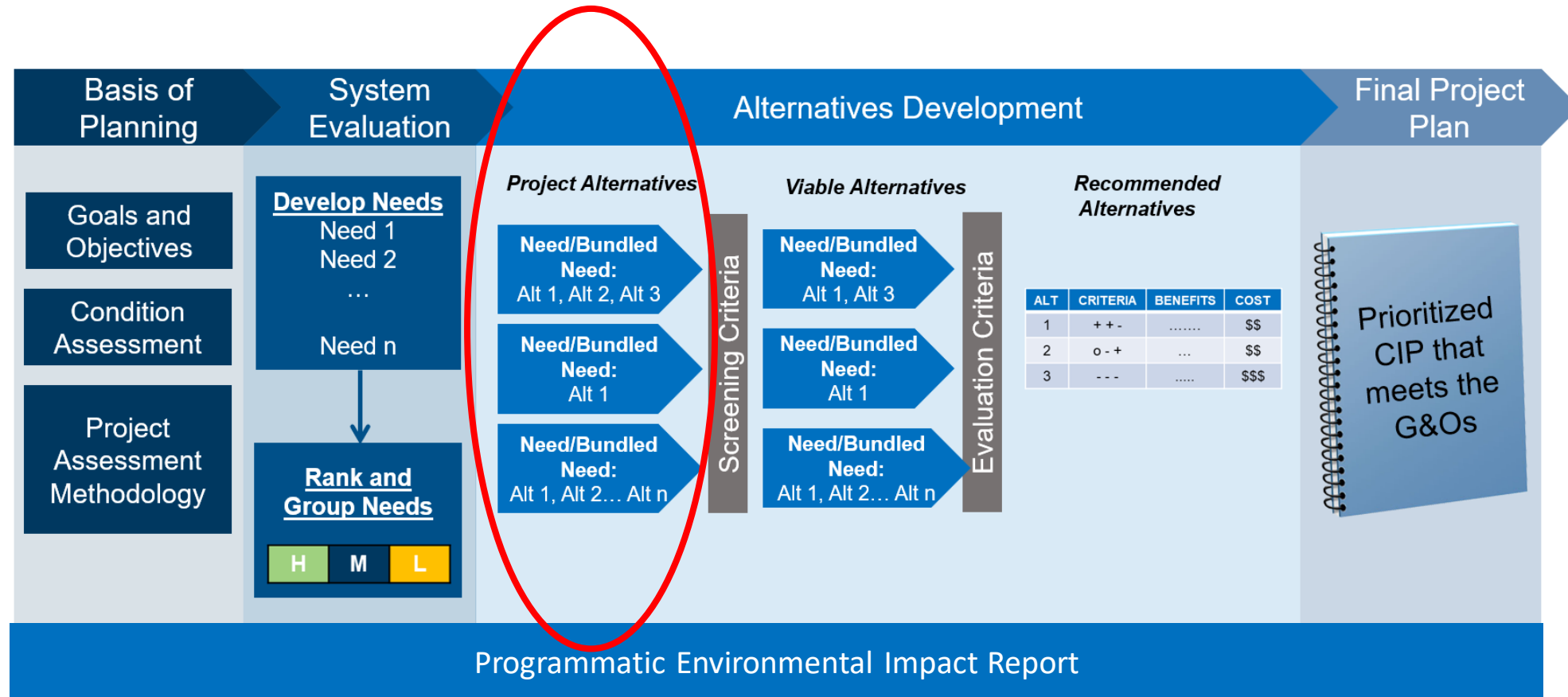
Bundled needs will be evaluated as a single project for development of alternatives

Later- Recommended alternatives will be further consolidated into fewer CIP projects

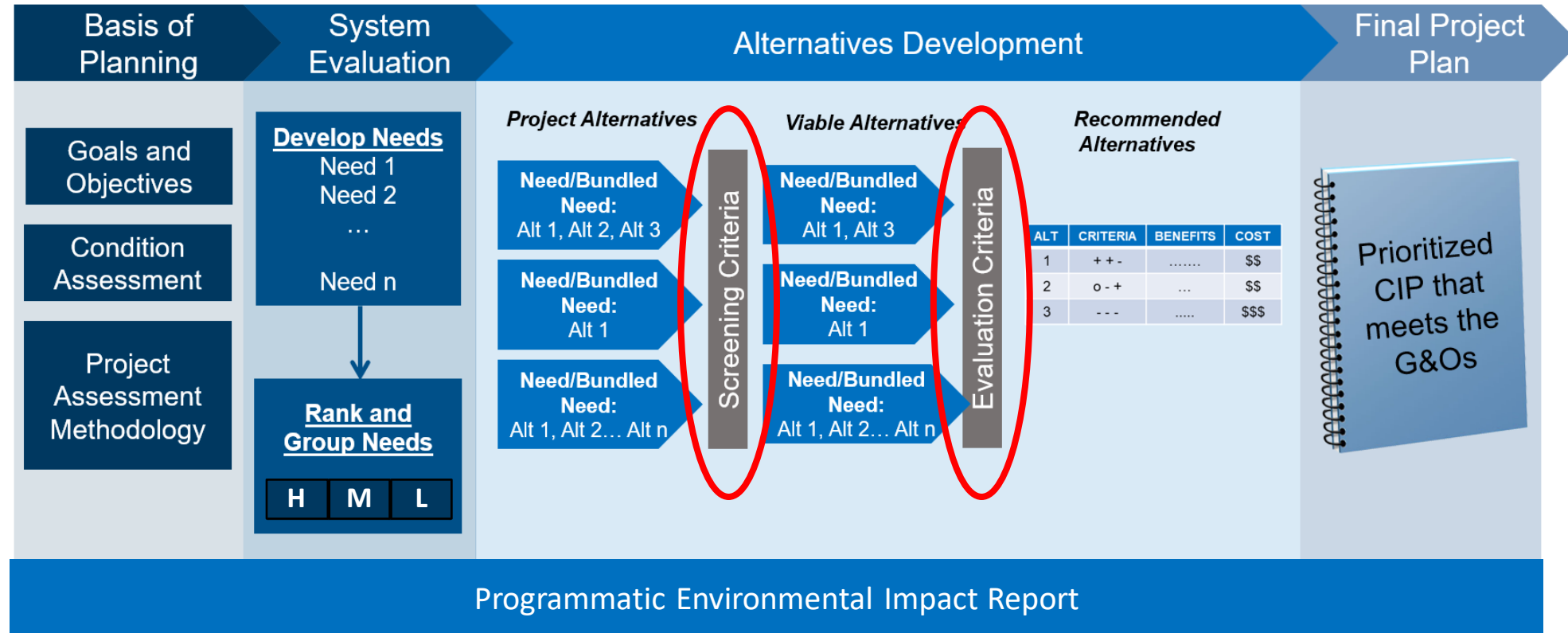


Next steps

Master Plan Development Process



Master Plan Development Process



Project Assessment Methodology

Screening Criteria	Definition
Fatal flaws	Project concept is not implementable, impractical/infeasible, contractual hurdles, limited benefits
Engineering judgement	Based on engineering judgement, the alternative clearly does not perform well relative to competing alternatives.
Cost-effectiveness	Project costs are estimated to greatly outweigh the benefits or risks relative to competing project alternatives.

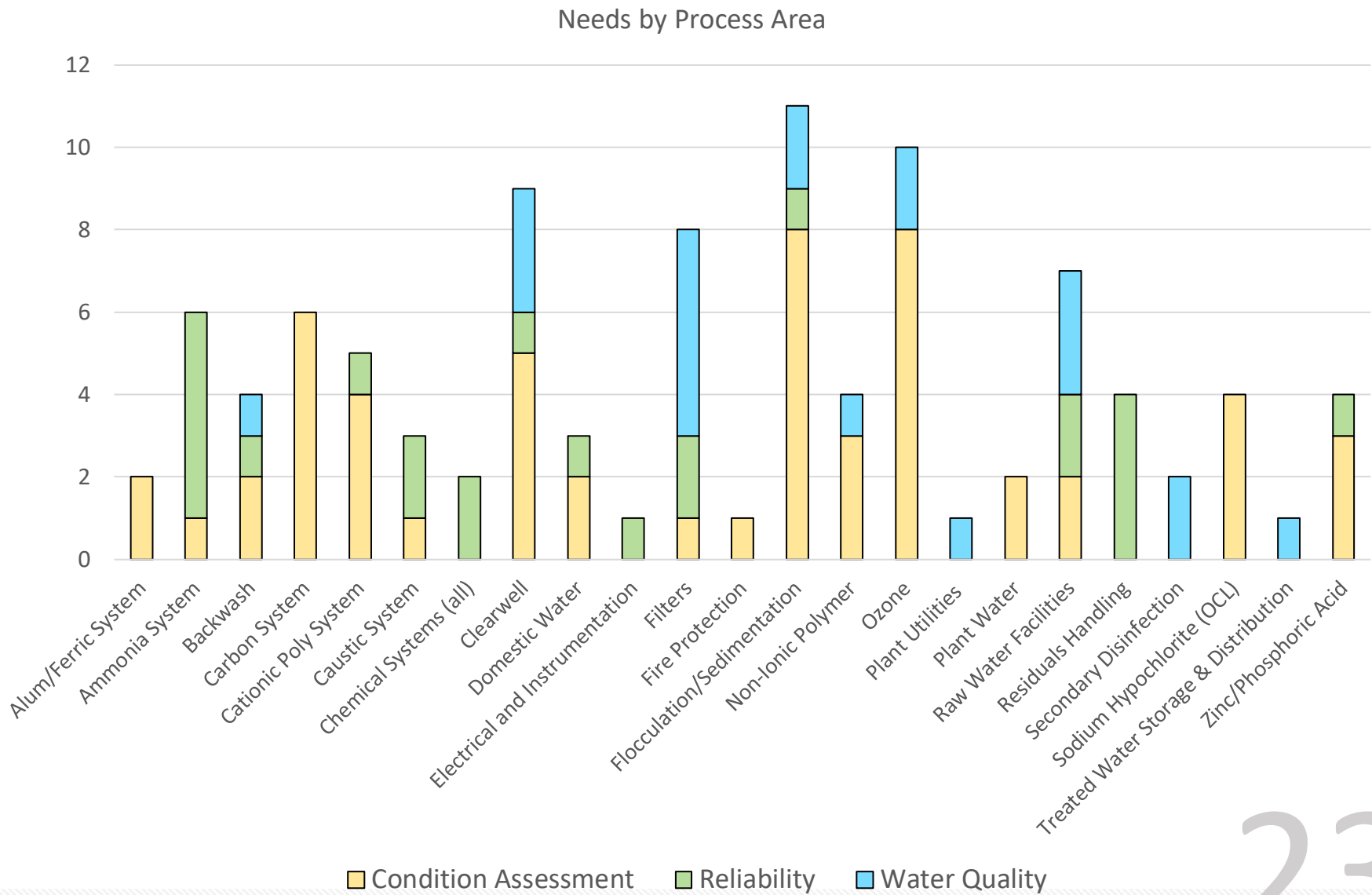
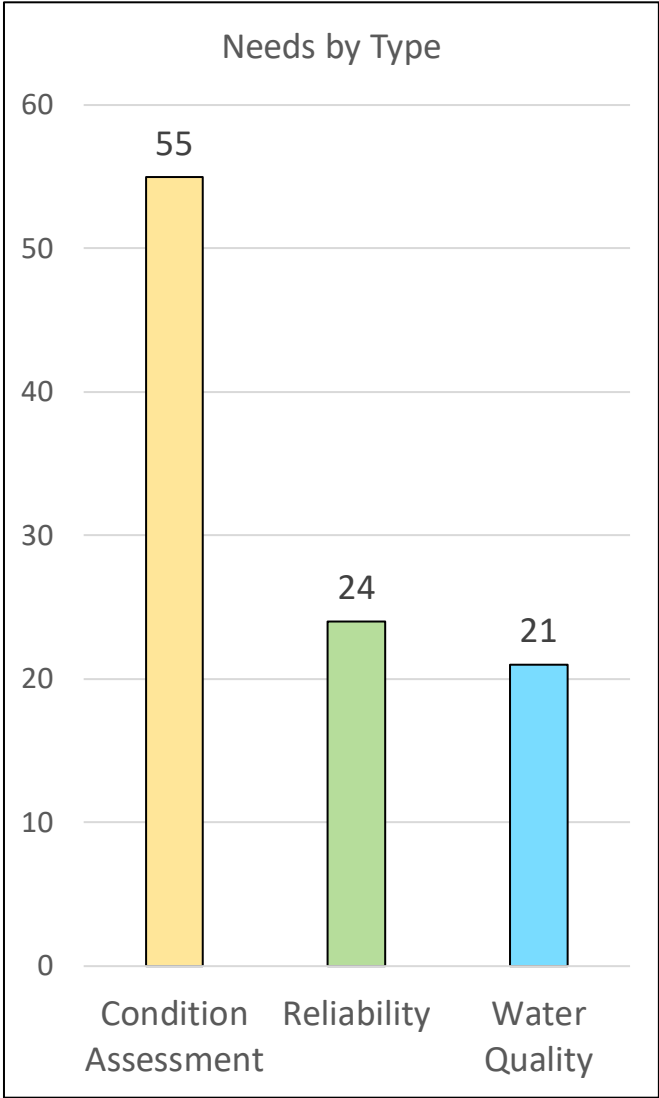
Project Assessment Methodology

Preliminary evaluation criteria

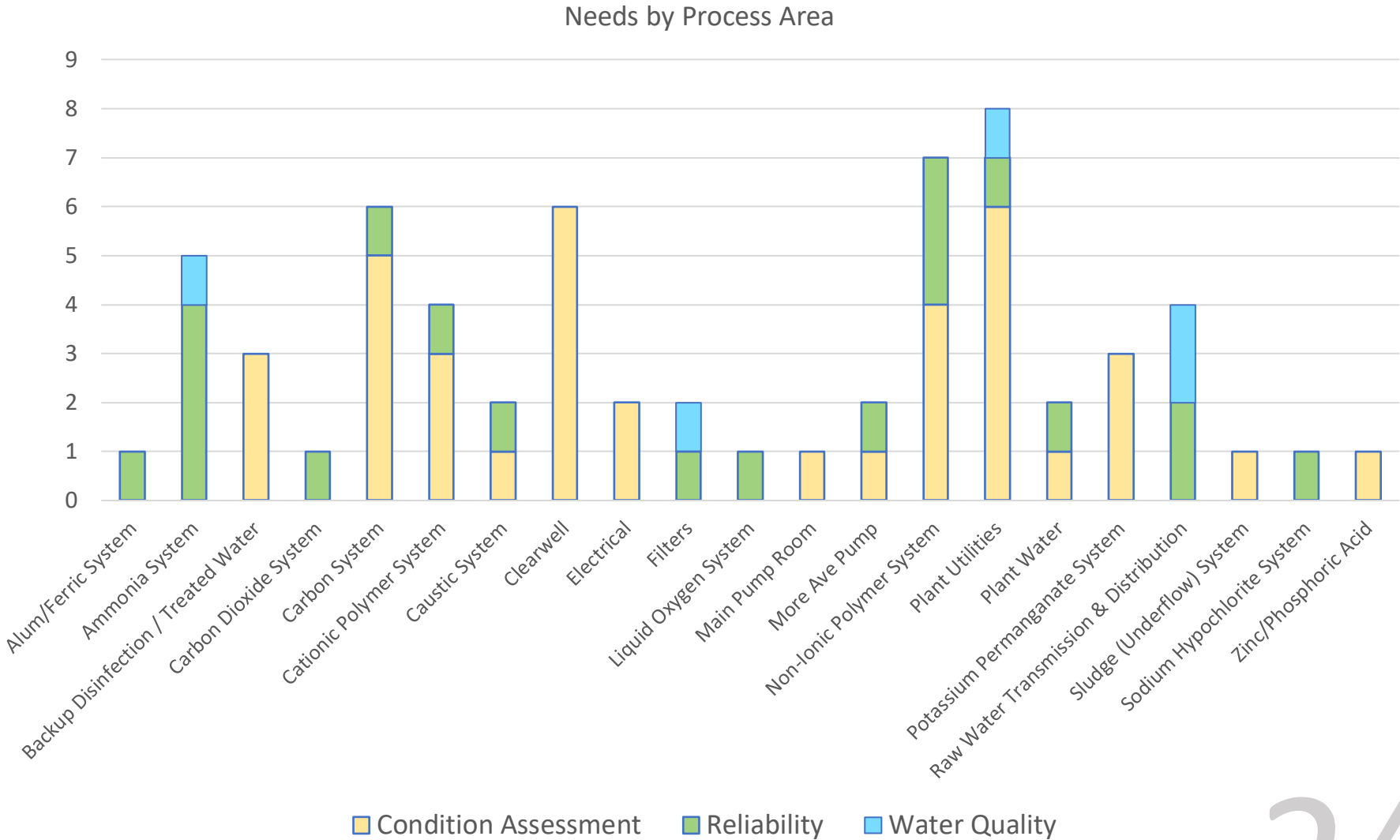
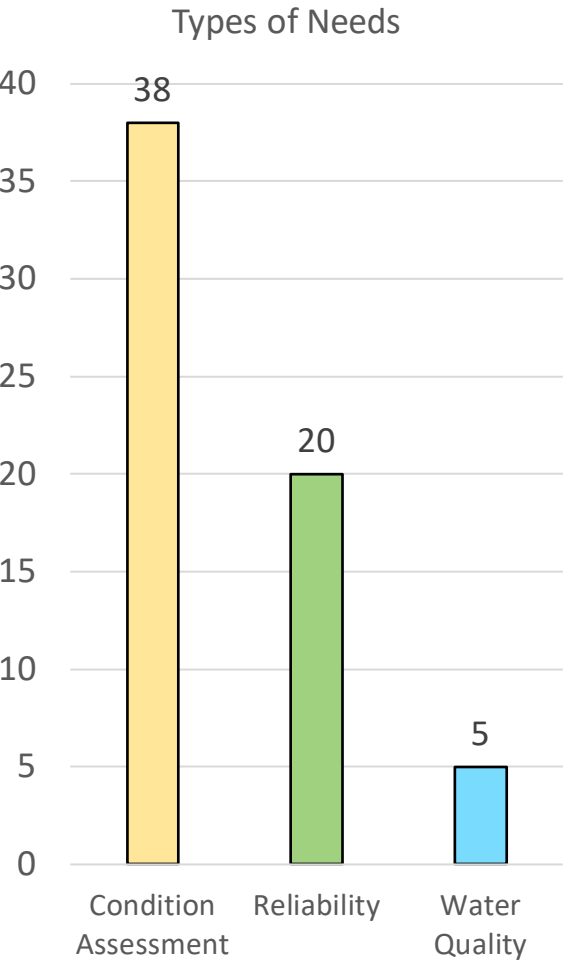
- Ease of implementation
- Reliability and operational flexibility
- Ease of O&M
- Future proofing
- Meets multiple objectives
- Standardization (consistency across plants)
- Constructability
- Environmental
- Social/Community/Equity
- Capital and O&M cost

Additional details

Penitencia Needs Identification (Latest Findings)



Rinconada Needs Identification (Latest Findings)





Santa Clara Valley Water District

File No.: 22-1444

Agenda Date: 2/13/2023

Item No.: 5.4.

COMMITTEE AGENDA MEMORANDUM **Capital Improvement Program Committee**

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

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

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 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. (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 Anderson Dam Tunnel Project 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 three change orders (CCO #11, CCO#12, and CCO #13) to present to the CIP Committee.

Contract Change Order #11

Time Related Overhead Time Impact Analysis 002. Valley Water issued Contract Document Clarification (CDC) - 001 and 1.1 addressing comments from FERC and the California Department of Water Resources Division of Safety of Dams to Flatiron West Inc. (FWI) that contained several changes to the Project scope of work, which impacted the critical path work. As a result of those changes, which consisted of increased size and modified configuration of the High-Level Outlet Works (HLOW) Shaft, re-design of the excavation support system was required. Time Impact Analysis No. 002 determined that the re-design led to a delay of 166 calendar days, 148 compensable days, and 18 non-compensable days. Valley Water will compensate FWI for Time Related Overhead delays due to an extension of the Contract Time for the re-design of the HLOW Shaft and revises Contract Milestones accordingly (Attachment 2). The compensation includes all costs for field and home-office overhead, bonds, insurance, and time-related direct equipment costs and is valued at \$2,515,330.18.

Contract Change Order #12

Increased Quantity of Diversion Tunnel Excavation Class 5. The tunnel excavation work is compensated based on the ground classification encountered and the corresponding ground support mechanism required. The Diversion Tunnel includes three ground classifications 3, 4, and 5 with classification 3 as the most competent ground requiring the least amount of ground support and classification 5 as the most difficult ground to support with additional ground support mechanisms. Due to increased ground Class 5 material encountered in the field during the excavation of the Diversion Tunnel, an increase to the original quantity is necessary of Bid Item No. 5c, 18.5-foot diameter Class 5 tunnel excavation. The original bid quantity of 70 linear feet (LF) for ground Class 5 quantity is revised to 170 LF. This change order is valued at \$1,800,000.00.

Contract Change Order #13

Diversion Outlet Structure (DOS) Energy Dissipation Chamber Grated Access Opening. Valley Water issued CDC 009 to Flatiron West Inc. for the Diversion Outlet Structure (DOS) Energy Dissipation Chamber; the design changes were necessary to address water jetting

from the valves that would directly impact a beam in the structure ceiling and impact the hydraulics in the chamber. The change includes modifications to DOS roof grating size and an increased amount of reinforced concrete. This change order is valued at \$26,000.00, which both parties have agreed to and will be incorporated in a forthcoming contract change order.

The net value of the three contract change orders (CCO #11, CCO #12, and CCO #13) is \$4,341,330.18.

ATTACHMENTS:

Attachment A: Government Code § 84308

Attachment 1: Construction Contract Change Orders Status

Attachment 2: Milestone Schedule Revision

UNCLASSIFIED MANAGER:

Christopher Hakes, 408-630-3796

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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 #	CIP Committee Date	Approval Date	Description	Amount	Contingency Amount	Approval Level	Status
		04/27/21	Original Contract	\$161,140,321.00	\$40,000,000.00	Board	
1	01/18/22	12/16/21	Additional Tree Removal, Protection and Relocation	\$460,250.41	\$39,539,749.59	DOO	Approved
2	02/14/22	04/26/22	Outlet Works Vertical Shaft Re-sizing	\$3,783,119.15	\$35,756,630.44	CEO	Approved
3	05/16/22	05/17/22	Water Quality Monitoring Equipment, Miscellaneous demolition, TCEAP VHF/UHF Radios	\$131,603.28	\$35,625,027.16	AOO	Approved
4	06/13/22	06/30/22	Tunnel and Miscellaneous Items from CDC-001/001.1, Remove Taber Drilling from Scope	\$386,801.98	\$35,238,225.18	DOO	Approved
5	06/13/22	06/30/22	Upsizing Soil Nail Rows D&E from #18 to #20	\$228,562.00	\$35,009,663.18	DOO	Approved
6	07/18/22	08/06/22	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	09/26/22	10/31/2022	Disposal Area Parking Lot Remediation, 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	10/18/22	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
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	\$26,951,497.36	UM	Approved

Total Approved	13	Total	\$13,048,502.64	\$26,951,497.36			
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Pending CCO #	CIP Committee Date	Approval Date	Description	Amount	Contingency Amount	Approval Level	Status
13	2/13/2023		Diversion Outlet Structure (DOS) Energy Dissipation Chamber Grated Access Opening	\$26,000.00	\$26,925,497.36	UM	Pending

Total Pending	1	Total	\$26,000.00	\$26,925,497.36			
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Total Number of COs (Approved & Pending)	Total Amount of COs (Approved & Pending)
14	\$13,074,502.64

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Anderson Dam Tunnel Project Milestone Schedule					
Milestones	Original Milestone Duration (Days)	Original Completion Date	Revised Milestone Duration (TIA#1 and 2021 Inclement Weather)	Revised Milestone Duration (TIA #2)	Revised Milestone Completion Date
Milestone 1: Acquisition of Contractor Obtained Permits	60	8/27/2021	No change	No change	8/27/2021
Milestone 2: Not Used (per specification)					
Milestone 3: Completion of 3" diameter waterline at frontage of 2290A Cochrane Road adjacent to Coyote Creek	150	11/25/2021	No change	No change	11/25/2021
Milestone 4: Not Used (per specification)					
Milestone 5: Not Used (per specification)					
Milestone 6: Not Used (per specification)					
Milestone 7: Complete excavation of 18.5' tunnel, 24' tunnel and 8' MTBM lake tap	840	10/16/2023	914	1087	6/19/2024
Milestone 8: Not Used (per specification)					
Milestone 9: Completion of the diversion system including all testing	945	1/29/2024	1024	1190	9/30/2024
Construction Completion Date	980	3/4/2024	1052	1225	11/4/2024
Milestone 10: Complete Project, including two-year landscape establishment period	1710	3/4/2026	1781	1955	11/4/2026
Contract Completion Date	1710	3/4/2026	1781	1955	11/4/2026

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Santa Clara Valley Water District

File No.: 22-1445

Agenda Date: 2/13/2023

Item No.: 5.5.

COMMITTEE AGENDA MEMORANDUM Capital Improvement Program Committee

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

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 implementation progress of key projects in the CIP. At their June 29, 2020 meeting, the CIP Committee requested 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 are six consultant agreement amendments for capital projects presented here for the Committee's information:

1. Amendment No. 3 to Agreement A4247A with Hazen and Sawyer for Project Planning and Preliminary Design Services for the Vasona Pump Station Upgrades Project No. 92264001 (Time Extension) (E. Aryee)

Valley Water's Deputy Administrative Officer executed Amendment No. 3 to Agreement A4247A with Hazen and Sawyer (Consultant) for Project Planning and Preliminary Design Services for the Vasona Pump Station Upgrades Project No. 92264001 (Project) on January 5, 2023, to extend the expiration date of the Agreement by 11 months, from January 31, 2023, to December 31, 2023.

Earlier this year, it was determined that this Project requires an Initial Study/Mitigated Negative Declaration (IS/MND) report, which will result in a delay to the CEQA approval process. This

will impact the completion of the Project's 30% design, which will result in a delay issuing the request for qualifications and request for proposal processes, which will be required to procure a Design-Builder, as this project is using the design-build delivery method.

Amendment No. 3 to Agreement A4247A will allow the Consultant to continue to provide Planning and Preliminary Design Services for the completion of the Project's 30% design and procurement of a Design-Builder.

Government Code § 84308 Applies: Yes ☐ No ☒

2. Amendment No. 2 to Agreement A4296A with Vena Solutions Inc. for On-Call Enhancements and Support Services for the Capital Improvement Program Development Project Nos. 00074033 and 60221001 (Time Extension) (L. Penilla)

Valley Water's Deputy Administrative Officer executed Amendment No. 2 to Agreement A4296A with Vena Solutions Inc. (Consultant) for On-Call Enhancements and Support Services for the Capital Improvement Program Development Project Nos. 00074033 and 60221001, on January 20, 2023, to extend the expiration date of the Agreement by two years, from January 31, 2023, to January 31, 2025.

Agreement A4296A was approved in October 2019 as a sole-source Agreement for enhancements and support services to support the Capital Improvement Program Development Project and the Budget Office.

The Vena software was implemented in FY18 and continues to be refined. Financial information in Vena is currently synced with Valley Water's enterprise resource planning system Infor. Additionally, the Consultant is providing integration support services for the implementation of Valley Water's new staff forecasting tool, Vemo, and its new capital project management information system, Projectmates. Amendment No. 2 will extend the expiration date of Agreement A4296A by two years, thereby allowing the Consultant to continue to provide support services to Valley Water.

Government Code § 84308 Applies: Yes ☐ No ☒

3. Amendment No. 4 to Agreement A3936A with Associated Right of Way Service for On-Call Real Estate Services 2014 (Time Extension) (B. Yerrapotu)

Valley Water's Deputy Administrative Officer executed Amendment No. 4 to Agreement A3936A with Associated Right of Way Services, Inc. (Consultant) for On-Call Real Estate Consultant Services 2014, on January 20, 2023, to extend the expiration date of the Agreement from February 9, 2023, to December 31, 2023.

The Consultant is a real estate services firm that provides complete general and specialized real estate services. The on-call services are still required with the Consultant to support several Valley Water capital and operational projects and programs to meet its mission and goals, including water supply, flood protection and stream stewardship. Valley Water is facing an unprecedented volume of real estate acquisitions required to meet commitments made by under the renewed the Safe, Clean Water Program.

By extending the expiration date of Agreement A3936A, Amendment No. 4 will allow the

Consultant to continue to provide much needed specialized support while the Real Estate Services Unit completes a competitive process to award a new consultant agreement for these services.

Government Code § 84308 Applies: Yes ☐ No ☒

4. Amendment No. 6 to Agreement A3932A with Harris & Associates, Inc. for Construction Management Services for Permanente Creek Flood Protection Project No. 26244001 (Time Extension) (B. Yerrapotu).

Staff will recommend Deputy Administrative Officer approval of Amendment No. 6 to Agreement A3932A with Harris & Associates, Inc. for Construction Management Services for the Rancho San Antonio Detention Basin Project (Project), which is part of the larger Permanente Creek Flood Protection Project No. 26244001, to extend the expiration date of the Agreement from March 31, 2023, to December 31, 2023.

The Rancho San Antonio Detention Basin Project was delayed during construction due to the unexpected discovery of sensitive cultural resources in 2017. Construction was completed in spring of 2021. The Project is currently in the mitigation/plant establishment phase and Project closeout is expected to be completed at the end of FY 2024.

Amendment No. 6 to Agreement A3932A will allow the Consultant to continue to provide construction management services support during plant establishment and closeout of the Permanente Creek Flood Protection - Rancho San Antonio Detention Basin Project No. 26244001.

Government Code § 84308 Applies: Yes ☐ No ☒

5. Amendment No. 4 to Agreement A4170G with Mr. Andrew Galvan, Most Likely Descendant for Native American Consulting Services for Permanente Creek Flood Protection Project No. 26244001 (Time Extension) (B. Yerrapotu).

Staff will recommend Deputy Administrative Officer approval of Amendment No. 4 to Agreement A4170G for Native American Consulting Services at the Rancho San Antonio Detention Basin Project (Project), which is part of the larger Permanente Creek Flood Protection Project No. 26244001, to extend the expiration date of the Agreement from March 31, 2023, to December 31, 2023.

In May 2017, the discovery of sensitive cultural resources was made during the contractor's excavation activities at the Rancho San Antonio site. State laws require appointment of a Most Likely Descendant (MLD) of the relevant tribe to oversee the treatment of the finds at the Project area. The California State Native American Heritage Commission appointed Mr. Andrew Galvan as the MLD.

The final report on the discovery of sensitive cultural resources is expected before the end of

2023. Amendment No. 4 to Agreement A4170G will allow the Consultant to finalize the report and continue to provide support during plant establishment and closeout of the Permanente Creek Flood Protection - Rancho San Antonio Detention Basin Project No. 26244001.

Government Code § 84308 Applies: Yes ☐ No ☒

6. Amendment No. 3 to Agreement A4337G with VNF Solutions, LLC., for Washington, D.C. Representation and Advocacy with the Federal Energy Regulatory Commission (FERC) for Anderson Dam Seismic Retrofit Project No. 91864005 (Time Extension, Cost Increase) (M. Lugo, C. Hakes)

Staff will recommend Board approval of Amendment No. 3 to Agreement A4337G with VNF Solutions, LLC. (Consultant), for Washington, D.C. Representation and Advocacy with the Federal Energy Regulatory Commission (FERC) for Anderson Dam Seismic Retrofit Project No. 91864005 (Project), to increase the fee by \$72,200.00 for a total revised Fee Not-to-Exceed \$333,200.00 and extend the Agreement term one year from March 13, 2023, to March 12, 2024.

The Anderson Dam Seismic Retrofit Project (ADSRP) remains under FERC jurisdiction until the Project is completed. The Consultant provides advocacy services on behalf of Valley Water in support of the Project. Consultant has also been providing additional support to the Project team by reviewing documents, providing advice, assistance, and recommendations pertaining to federal permits and permissions for the Project to proceed.

Amendment No. 3 to Agreement A4337G will allow the Consultant to continue providing consulting services pertaining to Valley Water's Anderson Dam Seismic Retrofit Project in relation to the Federal Energy Regulatory Commission.

Government Code § 84308 Applies: Yes ☒ No ☐

ATTACHMENTS:

Attachment A - Government Code § 84308

UNCLASSIFIED MANAGER:

Emmanuel Aryee, 408-630-3074
Luz Penilla, 408-630-2228
Bhavani Yerrapotu, 408-630-2735
Marta Lugo, 408-630-2237
Christopher Hakes, 408-630-3796

Attachment A - Government Code § 84308

Receive Information on Upcoming Consultant Agreement Amendments for Capital Projects.

List of Parties and Their Agents/Representatives Known to Staff

<u>Organization Name</u>	<u>Name</u>	<u>Role</u>	<u>Location</u>
VNF Solutions, LLC	Michael A. Swiger	Partner	1050 Thomas Jefferson St. N.W. Washington D.C. 20007

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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Santa Clara Valley Water District

File No.: 23-0041

Agenda Date: 2/13/2023
Item No.: 5.6.

COMMITTEE AGENDA MEMORANDUM **Capital Improvement Program Committee**

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

SUBJECT:

Capital Improvement Program Committee 2022 Accomplishments Report.

RECOMMENDATION:

Review and accept the Capital Improvement Program Committee 2022 Accomplishments Report.

SUMMARY:

Under direction of the Clerk, Work Plans are used by 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 annually, and are subject to change as needed throughout the year.

As Committee work is accomplished, the Accomplishments Report is updated to summarize outcomes and results achieved. The 2022 Accomplishments Report (Attachment 1), is presented for the Committee's review and acceptance.

ATTACHMENTS:

Attachment 1: CIP 2022 Accomplishments Report

UNCLASSIFIED MANAGER:

Candice Kwok-Smith, 408-630-3193

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2022 (DRAFT) Capital Improvement Program Committee Annual Accomplishments Report

WORK PLAN ITEM & INTENDED OUTCOME(S)	ACCOMPLISHMENT DATE, OUTCOME
<p>Capital Project Monitoring - Construction</p> <p>1/18/22, 3/14/22, 6/13/22, 9/26/22, 12/12/22 - Receive and discuss information regarding the status of capital projects in the construction phase.</p>	<p>1/18/22: The Committee was informed of updates to projects in the construction phase and requested that staff provide information on INFOR implementation with regard to all modules that have been launched to date, including payroll.</p> <p>3/14/22: In regard to Lower Calera Creek, the Committee was informed of lessons learned from the construction redesign, and that staff had planned to go to the full Board for approval of an increase to the construction contingency fund from 10% to 15%. Subsequently, Board approval was granted on the said request, and agendized as Item No. 6.2 on the April 12, 2022 regular Board meeting agenda. The Committee received information that the Data Consolidation Project would be an enterprise-wide project for data consolidation technology, and made a request that staff come back with information on whether the Data Consolidation Project would include ongoing projects by other jurisdictions.</p> <p>6/13/22: The Committee received information that a site tour of the Anderson Dam Seismic Retrofit, could be arranged by staff, and that staff would come back with a presentation on timelines and photos of the tunnel excavations. A tracking system to monitor projects that are either on a three-year plant establishment or monitoring period would be developed and presented to this Committee. On the Permanente Creek, SF Bay to Foothill Expressway Project, a consultant review on integrity of the walls was completed, and additional projects would be needed. In regard to the Data Consolidation Project, this project was scoped out to handle pilot projects from different departments then would move on to an enterprise-wide application as more records are converted to electronic format.</p> <p>9/26/22: The Committee received information that on the D4:3 SCW Fish Passage Improvement project, staff would recategorize this item with projects that completed construction and continued monitoring; and on the ERP System Implementation project, staff confirmed that this project would have continued application improvement of the initial system.</p> <p>12/12/22: The Committee received information about projects in the construction phase and noted that the Anderson Dam Tunnel Project was about 75 feet into the tunnel; that a media event might happen in two days after this meeting; that staff would bring an aerial shot of the project at a future Committee meeting; and that the 10-year Pipeline Inspection projects that were ending would have 10-year project renewals that were included in the Fund 61 analysis.</p>
<p>Capital Project Monitoring – Design and Permitting Report</p> <p>1/18/22, 2/14/22, 5/16/22, 9/01/22, 11/14/22: Receive and discuss information regarding the status of capital projects in the design phase.</p>	<p>1/18/22: The Committee requested that staff come back with status of the 10-year Pipeline Implementation Project, including an overview of the program, start date, cost to date, projects completed and projects pending.</p> <p>2/14/22: The Committee was informed about concerns on biological assessments from National Marine Fisheries Services for the 10-year Pipeline and Rehab Project of the Santa Clara Conduit.</p> <p>5/16/22: The Committee received information about projects in the Design and Permitting Phase.</p> <p>9/01/22: The Committee received information about projects in the Design and Permitting Phase.</p> <p>11/14/22: The Committee was informed that the IRP2 Additional Line Valves Project would be the final project on the IRP2 implementation; that a Bay Area Joint Aquatic permit application was to be resubmitted to various agencies related to the Sunnyvale East/West Channels Project; that USACE had asked for a letter requesting value engineering or design optimization of Reaches 4 and 5; and that a design revision on the Almaden Lake Improvement Project was being done to reduce project costs. The Committee requested to be copied on the said USACE letter.</p>

2022 (DRAFT) Capital Improvement Program Committee Annual Accomplishments Report

WORK PLAN ITEM & INTENDED OUTCOME(S)	ACCOMPLISHMENT DATE, OUTCOME
<p>Capital Project Monitoring - Feasibility and Planning Report</p> <p>1/18/22, 4/18/22, 7/18/22, 9/01/22, 10/17/22: Receive and discuss information regarding the status of capital projects in the planning/feasibility phase.</p>	<p>1/18/22: The Committee requested that staff come back with an update on the Dam Safety Program.</p> <p>4/18/22: The Committee received information that the Salt Ponds A5-11 Restoration project name was outdated and would be renamed to Calabazas/San Tomas Aquino Creek Marsh Connection project, and requested that staff provide to the full Board and to the appropriate committees an update on the Pacheco Reservoir Expansion Project 30% design review and updated cost estimate when available.</p> <p>7/18/22: The Committee received information that the FAHCE Implementation Project was a placeholder project for projects under the FAHCE program, and that final EIR is estimated to be next summer. The Committee noted that the Upper Penitencia Creek, Coyote Ck-Dorel Drive Project would be renamed for its multi-beneficial essence, and not only as flood protection project; and that staff would provide the members of the steering committee for the Metcalf Pond Feasibility Study. Subsequently, after the meeting, the requested information was emailed by staff to committee members.</p> <p>9/01/22: The Committee reviewed capital projects in the feasibility and planning phase, and requested that staff ensure that internal project coordination would include staff or units that should be made aware of project cost increases.</p> <p>10/17/22: The Committee was informed that on the Headquarters Operations Building project, the assessment was only for the Maintenance Building and not for any other Valley Water buildings; and the current FY22 expenditures.</p>
<p>Lower Berryessa Creek Phase 2 Project Update</p> <p>2/14/22: Receive and Discuss Project Update for the Construction of Lower Berryessa Creek, part of the Lower Berryessa Creek (Phase 2) Flood Protection Project.</p>	<p>2/14/22: The Committee received information that staff would continue negotiations with contractor for a change order on the redesign of the footing of the wall, and determine if necessary to request from the Board a 5% additional contingency fund; that the structural engineer and staff had coordination issue when the plan was approved; and that if a rebid would be necessary, the committee would be informed how and why negotiations failed; and whether a rebid would be required.</p>
<p>Dam Safety Program Overview and Updates</p> <p>3/14/22: Receive, Review, and Discuss Information on the Dam Safety Program.</p>	<p>3/14/22: The Committee received information and requested that staff report back and add on the Committee's work plan a possible reserve funding in anticipation of emergency work on district dams and spillways. Project staff would coordinate with Chief Financial Officer and determine a time to return to the CIP Committee with financial analysis regarding a possible reserve.</p>
<p>Purified Water Program Update</p> <p>3/14/22: Receive update on consultant support for the Public-Private Partnership (P3) Purified Water Project.</p>	<p>3/14/22: The Committee received an update on the Purified Water Program.</p>

2022 (DRAFT) Capital Improvement Program Committee Annual Accomplishments Report

WORK PLAN ITEM & INTENDED OUTCOME(S)	ACCOMPLISHMENT DATE, OUTCOME
<p>Updates 10-year Pipeline Program Overview and Updates</p> <p>4/18/22: Receive update on the 10-year Pipeline Inspection and Rehabilitation Project, Project No. 95084002.</p>	<p>4/18/22: The Committee was informed that after the current 10-year program, there would be another program cycle on maintenance activities of other pipelines. The Committee stressed the importance of maintenance and upgrade of pipelines and requested staff to continue to evaluate the cost for work that is projected beyond FY 2027.</p>
<p>ERP System Implementation Overview and Updates</p> <p>6/13/22: Receive update on the ERP System Implementation Project No. 73274002.</p>	<p>6/13/22: The Committee received information on Valley Water's (VW) Enterprise Resource Planning System's Phase 1 and 2 implementation schedule; lessons learned associated with contractor's late delivery, resource models and staff turnover on both Infor and VW sides; post-go live punchline list and optimization phase.</p> <p>The Committee noted the following without taking formal action:</p> <ul style="list-style-type: none"> • Infor's license agreement was for support and maintenance of their software which included update services such as implementing system changes due to annual changes in tax laws as well as "bread-fix" type issues. With Cendien, items that were for enhancement and optimizations, or those that were "nice to have" rather than "need to have" were indicated on the current three-year agreement, a longer and less expensive agreement than Infor. • Staff would share a diagram that showed an extensive integration with PMIS and VEMO to the Committee via email through Ms. Brambill. Subsequently, after the meeting, the Committee received an email of the said diagram. <p>The Committee mentioned that VW contracts should legally include how contractor replaces staff that left their company to ensure continuity of Valley Water projects.</p>
<p>Future Funding for Dam Safety Program</p> <p>7/18/22: Receive information on future funding for Dam Safety Program.</p>	<p>7/18/22: The Committee received information that the Financial Sustainability Working Group had started discussion of establishing a dam repair reserve that could be built up over time to help pay for the eventual cost of repairs or replacement. The working group suggested to do a financial projection for 25 years with assumptions during the forecasted period and would give the Board a good look at rate projections, and that it would meet again in November to layout the framework of the financial projection. The Committee requested staff to send the message that current efforts were all under the planning phase, and that nothing had been committed yet.</p>

2022 (DRAFT) Capital Improvement Program Committee Annual Accomplishments Report

WORK PLAN ITEM & INTENDED OUTCOME(S)	ACCOMPLISHMENT DATE, OUTCOME
<p>Consultant Agreement Compliant Process</p> <p>09/01/22: Receive information on the implementation of the recommendations made by Navigant in the 2015 Consultant Contracts Management Process Audit and the Consultant Contracts Improvement Process.</p>	<p>09/01/22: The Committee received information on implementations taken by staff in response to the recommendations from the 2015 Consultant Contracts Management Process Audit by Navigant Consulting, Inc.</p>
<p>Potential Impacts of Inflation and Economic Outlook on CIP.</p> <p>9/01/22: A. Receive information on impacts of a potential recession as well as recent high inflation trends on Valley Water's finances; and B. Discuss recommendations for the full Board's consideration.</p>	<p>9/01/22: The Committee received information that at the November CIP meeting, staff would present significant increases across for Funds 61, 12, and 26 and different scenarios with water rate setting process as well as the preliminary CIP; that staff would move Funding Filter No. 6 on "Environmental Justice" to a sub-section under Funding Filter No. 4 on Multi-Benefit; and that Outreach staff would communicate through community meetings (separate from regular Board meetings) that Valley Water was potentially facing delays or changes on projects due to anticipated recession and high inflation.</p>
<p>Capital Project Management and Project Controls Program Overview</p> <p>9/26/22: Receive on overview of the capital project management and project controls program.</p>	<p>9/26/22: The Committee received information that Projectmates would be a tool that incorporates current processes and procedures in planning and monitoring capital projects while new policies that were being worked out would be incorporated into the software, and requested that staff include definitions of terminologies used in contracting and purchasing when they come back to present on Consultant Agreement Compliance Process.</p>
<p>Management and Monitoring of Capital Project Environmental Mitigation</p> <p>9/26/22: Receive information on management and monitoring of capital project environmental mitigation.</p>	<p>9/26/22: The Committee received an overview of the Environmental Mitigation and Monitoring Unit management, monitoring, and tracking of most capital project mitigations, as well as annual or periodic monitoring reports submitted to the applicable resource agencies. The Committee requested staff to provide the Committee a copy of an example of a mitigation monitoring report under the Stream Maintenance Program. Subsequently, the Committee received from staff a copy of the July 2022 Final Mitigation Monitoring Report for the Downtown and Upper Guadalupe River Flood Projects.</p>
<p>Coyote Pumping Plant ASD Replacement</p> <p>10/17/22: Receive update and information on the Design Build Agreement for the Coyote Pumping Plant Adjustable Speed Drives Replacement Project.</p>	<p>10/17/22: The Committee received information that the Coyote Pumping Plant Adjustable Speed Drives Replacement Project was a project chosen for the procurement action on Design-Build agreement; that this project was to replace electrical equipment as well as mechanical and control system at the plant; that some of the benefits of a Design Build Agreement include providing a single point of accountability and responsibility, and one-contract for both design and construction; and that Design-Build agreements were generally only amended twice, and beyond Amendment #2, there could theoretically still be another amendment during construction which is usually handled with Change Orders.</p>

2022 (DRAFT) Capital Improvement Program Committee Annual Accomplishments Report

WORK PLAN ITEM & INTENDED OUTCOME(S)	ACCOMPLISHMENT DATE, OUTCOME
<p>CIP Process Audit</p> <p>5/16/22: Receive information on the initiation of the CIP process audit as part of the 2022-2024 Annual Audit Work Plan.</p>	<p>5/16/22: The Committee requested staff clarify the application and use of “planning process” and “capital projects” in the Objective statement of the Audit Scoping Document in the P1 phase; consider in the benchmark comparison the uniqueness of Valley Water capital projects that could either be an overall program or individual projects, and cited as examples the Anderson Dam Seismic Retrofit Project that needed 13 regulatory permits, or Upper Llagas Creek P2B project that had been running decades long and received state and federal funding; consider the participation of the CIP Committee in this audit process; integrate recommendations from the 2020 Capital Construction Contract Change Order Management Audit, 2019 Lower Silver Creek Flood Protection Project Consultant Audit, and ongoing Pacheco Reservoir Expansion Project investigation on cost escalation; and accommodate suggestion of Ms. Jessica Collins, Business Planning and Analysis Manager, to consider improvements that were underway to address the audit recommendations through development of the Capital Project Management and Project Controls Program and through its implementation of Projectmates, a new capital project management information system, scheduled for go-live in the fall of this year.</p>
<p>CIP Planning Process</p> <p>10/17/22: 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.</p>	<p>10/17/22: The Committee received information on the annual CIP process; on the <i>South Babb Flood Protection Project</i>, an Initially Validated project; and on the development of the preliminary CIP.</p> <p>In addition, the Committee was informed that staff had been working with the City of San Jose to qualify for a FERC hazardous-type grant.</p>
<p>CIP Planning Process</p> <p>11/14/22: Review Significant Project Plan Updates Since Adoption of the Capital Improvement Program’s (CIP) Fiscal Year 2023-27 (FY 23-27) Five-Year Plan and provide feedback, as necessary.</p>	<p>11/14/22: The Committee was informed that the \$20.825M decrease to the Watersheds Stream Stewardship Fund 12 did not include the \$80M decrease on the <i>Upper Llagas Creek-Upper, Corps Coordination</i> project. Staff added that a bifurcation of the Upper Llagas project occurred and would be shown in a financial model to be presented to the Committee at the next meeting; that on the <i>Coyote Creek Flood Management Measures</i> project, the schedule extension by four years included three years of plant establishment period; that fifteen to eighteen months of the schedule extension were compressed to advance completion ahead of the Anderson tunnel operation; that on the <i>RWTP Reliability Improvement</i> project, Cordoba Corporation would provide project management services for Phase 3 - 6, and construction management services for only two tasks that they did very well during Phases 1 and 2. Staff was negotiating with another construction management consultant firm that would be providing the total construction management services for the Phases 3 – 6; and that on the <i>Palo Alto Tide Basin</i> project, USACE had validated the importance of the flood gates as part of the Shoreline Phase 2 study, and that it was in fact providing sea level rise protection for the south bay.</p>

2022 (DRAFT) Capital Improvement Program Committee Annual Accomplishments Report

WORK PLAN ITEM & INTENDED OUTCOME(S)	ACCOMPLISHMENT DATE, OUTCOME
<p>Review the Capital Improvement Program's Draft Preliminary Fiscal Year 2024-2028 Five-Year Plan</p> <p>12/12/22: Review and discuss the Capital Improvement Program's Draft Preliminary Fiscal Year 2024-2028 Five-Year Plan and provide recommendations to staff as needed.</p>	<p>12/12/22: The Committee received a presentation on the annual CIP process, summary of capital project plan updates processed through the summer and fall, fund impacts, and financial models, in preparation for the January 10, 2023 Board workshop.</p> <p>The Committee received information that the consultant contract amendments included in this agenda as Item 4.3 were already included in the original presentation of work plans, and the timing on when the funds would be expended was what was being augmented on the Anderson Dam Seismic, Anderson Dam Tunnel, Guadalupe Dam Seismic, RWTP Reliability, Vasona Pump Station Upgrade, and Coyote Creek projects; that the baseline scenario for Fund 61 that included Purified Water Expansion was for a Phase 1 placeholder; that the Long-term Purified Water Program, Phase 2, was recommended to be removed until an actual project had been identified; that Fund 61 scenarios A through D included assumptions such as the 35% partnership goal, or non-inclusion on the CIP, and effect of drought scenario on the Pacheco Reservoir Expansion Program and the anticipated grants or price uncertainty brought on by market competition for the Purified Water Program; that on the Palo Alto Basin Tide Gates Project, staff would conduct annual inspection and hold the \$14M indefinitely for about two years; that on staff recommendation for Fund 26, a placeholder geomorphic project on the Safe Clean Water KPI would be put on hold; and that Ogier Ponds Creek Lake Separation Project would be considered over Almaden Lake/Creek Separation Project to meet Anderson Dam Seismic Retrofit Project mitigation and Safe Clean Water KPI requirements.</p> <p>The Committee requested that in the same January workshop, staff would include operations, infrastructure, and human resource components when presenting Pacheco Reservoir project information for the sake of new Board members attending; that in presenting the recommendation for a Fund 26 scenario, staff would bring up where Valley Water would receive credits for the Ogier Ponds Creek Lake Separation Project as well as the already available funding sources for this project; and took a motion:</p> <p>Motion: Approve CIP Evaluation Team recommendations to present to the full Board the following fund financial models:</p> <ul style="list-style-type: none"> A. On Fund 61, financial modeling would show baseline for all project plan updates from Board adopted CIP FY23-27 Five-Year Plan; and baseline with extended drought scenario, with a range of assumptions for the Pacheco Reservoir Expansion Project and the Purified Water Program; B. On Fund 12, financial modeling would show baseline that includes all project plan updates from Board adopted FY23-27 Five-Year Plan; Palo Alto Flood Basin Tide Gates Replacement Project would be on hold indefinitely; and that SF Bay Shoreline Phase 1 would shift \$14M from FY24-26. C. On Fund 26, financial modeling would show baseline that includes all project plan updates from Board adopted FY23-27 Five-Year Plan; a higher FY24 tax growth (5%); a higher NRCS funding; Upper Penitencia Creek Flood Protection Project and Sunnyvale East/West Channels Flood Protection Projects on hold and place funding on reserve; not implement a 3rd geomorphic D6.3 project; Almaden Lake/Creek

2022 (DRAFT) Capital Improvement Program Committee Annual Accomplishments Report

WORK PLAN ITEM & INTENDED OUTCOME(S)	ACCOMPLISHMENT DATE, OUTCOME
<p>Anderson Dam Tunnel Project Contingency and Change Order Monitoring</p> <p>1/18/22, 2/14/22, 3/14/22, 4/18/22, 5/16/22, 6/13/22, 7/18/22, 9/01/22, 9/26/22, 10/17/22, 11/14/22, 12/12/22: Receive information on Change Orders to Anderson Dam Tunnel Project Construction Contract.</p>	<p>Separation Project to remain on planning and design only; and proceed with Ogier Ponds Creek/Lake Separation Project.</p> <p>1/18/22: The Committee received information about Construction Change Order No. 1 for \$460,250.</p> <p>2/14/22: The Committee received information about Construction Change Order No. 2 for \$3.7M.</p> <p>3/14/22: The Committee considered this item without staff presentation.</p> <p>4/18/22: The Committee received updates on Construction Change Order Nos.1 & 2, and noted correction on Page 2 of the agenda memo, "Chief Operating Officer: Up to \$5 million," should say, "Chief Executive Officer: Up to \$5 million."</p> <p>5/16/22: The Committee received information about Construction Change Order No. 3 for \$131,603, and added that a reformat of Attachment 1 would be brought to the Committee at the next meeting.</p> <p>6/13/22: The Committee received information about Construction Change Order No. 4 for \$386,801, and No. 5 for \$228,562, and a staff presentation that included analysis on the tunnel and miscellaneous items/removal of taber drilling from scope, upsizing soil nails Rows D & E from #18 to # 20. The Committee requested a format update on Attachment 1 with the addition of a row under the Amount columns that would show the total of Approved and Approved & Pending change orders.</p> <p>7/18/22: The Committee received information about Construction Change Order No. 6 for \$63,063, and acknowledged a reformatted more comprehensible Change Order Status table on Attachment 1. The Committee requested that staff bring to the full Board at least once at the end of the year a report on change orders, or any change orders involving million dollars or more. Staff would bring to this Committee's attention when an annual report is due to the Board, or when a change order reached a million dollars.</p> <p>9/01/22: The Committee was informed that there was no change order to report for this item.</p> <p>9/26/22: The Committee received information about Construction Change Order No. 7 for \$1,526,724, and noted that on Change Order No. 8, Disposal of Regulated and Organic Material, Valley Water has control of the land in the disposal area parking lot during construction.</p> <p>10/17/22: The Committee received information about Construction Change Order No. 8 for \$80,000.</p> <p>11/14/22: The Committee received information about Construction Change Order No. 9 for \$101,101.</p> <p>12/12/22: The Committee received information about Construction Change Order No. 10 for \$1.9M.</p>

2022 (DRAFT) Capital Improvement Program Committee Annual Accomplishments Report

WORK PLAN ITEM & INTENDED OUTCOME(S)	ACCOMPLISHMENT DATE, OUTCOME
<p>Upcoming Consultant Agreement Amendments</p> <p>2/14/22, 3/14/22, 4/18/22, 6/13/22, 7/18/22, 10/17/22, 11/14/22, 12/12/22: Receive information on Upcoming Consultant Agreement Amendments for Capital Projects.</p>	<p>2/14/22: The Committee received information about Amendment No. 1 to the Standard Consultant Agreement A4326G between the Santa Clara Valley Water District and Stantec Consulting Services, Inc. for WIFIA Application Funding Support for the Pacheco Reservoir Expansion Project, Project No. 91954002 (Time Extension). The Committee noted that Stantec Consulting Services would perform WIFIA application funding support specific to the Pacheco Reservoir Expansion Project only, not to any other Valley Water WIFIA applications.</p> <p>3/14/22: The Committee received information about Amendment No. 1 to the Standard Consultant Agreement A4326G between the Santa Clara Valley Water District and Stantec Consulting Services, Inc. for WIFIA Application Funding Support for the Pacheco Reservoir Expansion Project, Project No. 91954002 (Time Extension); Amendment No. 5 to Agreement A3932A between the Santa Clara Valley Water District and Harris & Associates, Inc. for Construction Management Services for Permanente Creek Flood Protection Project No. 26244001. (Time Extension); Amendment No. 3 to Agreement A4107G between the Santa Clara Valley Water District and Mr. Andrew Galvan, Most Likely Descendant for Native American Consulting Services for Permanente Creek Flood Protection Project No. 26244001 (Time Extension); Amendment No. 2 to Agreement A4247A between the Santa Clara Valley Water District and Hazen and Sawyer, for Planning and Preliminary Design Engineering Services for the Vasona Pump Station Upgrade Project No. 92264001. (Time Extension); and Amendment No. 4 to Agreement A3901G between the Santa Clara Valley Water District and HDR, Inc., Project Management Services for the Purified Water Project No. 91304001. (Scope Reduction, Time Reduction) without taking formal action.</p> <p>4/18/22: The Committee received information about Amendment No. 2 to Agreement A4264A with Cal Engineering & Geology for On-Call Geotechnical Engineering Services (Time Extension, NTE Fee Increase); Amendment No. 2 to Agreement A4263A with Kleinfelder, Inc. for On-Call Geotechnical Engineering Services (Time Extension, NTE Fee Increase); and Amendments No. 2 and No. 3 to Agreement A4158A with Northgate Environmental Management, Inc. for On-Call Environmental Site Assessment, Remedial Design, and Storm Water Management and Engineering Services. (Time Extension) without taking formal action.</p> <p>6/13/22: The Committee received information about Amendments No. 2 and No. 3 to Agreement A4158A with Northgate Environmental Management, Inc. for On-Call Environmental Site Assessment, Remedial Design, and Storm Water Management and Engineering Services. (Time Extension) without taking formal action.</p> <p>7/18/22: The Committee received information about Amendment No. 1 to Agreement A4243A with GEI Consultants, Inc. for Engineering Services for the Lenihan and Stevens Creek Dams Safety Evaluations Project No. 91084019 (Time Extension) without taking formal action.</p> <p>10/17/22: The Committee received information about Amendment No. 1 to Agreement A4215A with AECOM Technical Services, Inc., for Planning, Design, and Environmental Documentation and Permitting Support Services for the Pacheco Reservoir Expansion Project No. 91954002 (Time Extension, Retention Modification); Amendment No. 1 to Agreement A4216A with Mott MacDonald, LLC for Program Management Services for the Pacheco Reservoir Expansion Project No. 91954002 (Time Extension); and Amendment No. 2 to Agreement A4475A with Kleinfelder, Inc. for Preliminary Geotechnical Investigation Services for the Purified Water Project No. 91304001 (Time Extension) without taking formal</p>

2022 (DRAFT) Capital Improvement Program Committee Annual Accomplishments Report

WORK PLAN ITEM & INTENDED OUTCOME(S)	ACCOMPLISHMENT DATE, OUTCOME
	<p>action. The Committee noted that staff would present to the Water Storage Exploratory Committee the summary of the planning phase as well as the updated schedule in preparing the EIS for the Pacheco Reservoir Expansion Project.</p> <p>11/14/22: The Committee received information about Amendment No. 4 to Agreement A4242G with Cordoba Corporation for Executive Project Management and Construction Management Services for the Rinconada Water Treatment Plant Reliability Improvement Project No. 93294057 (Time Extension, Scope Change, Cost Increase); Amendment No. 1 to Agreement A4343A with CPM Associates, Inc. for On-Call Construction Scheduling and Claims Analysis Services (Consultant Name Change); Amendment No. 1 to Agreement A4613A with CPM Associates, Inc. for Construction Management Services for the Palo Alto Flood Basin Tide Gate Structure Replacement Project No. 10394001 (Consultant Name Change); and Amendment No. 2 to Agreement A4325G with Horizon Water and Environmental, LLC, for Environmental Planning and Permitting Services for Anderson Dam Seismic Retrofit Project No. 91864005 (Scope Change, Additional Funding) and took a motion:</p> <p>Motion: Approve to recommend to the full Board approval of Amendment No. 2 to Agreement A4325G with Horizon Water and Environmental LLC for Environmental Planning and Permitting Services for Anderson Dam Seismic Retrofit Project No. 91864005 (Scope Change, Additional Funding)</p> <p>12/12/22: The Committee received information on four amendments to consultant agreements and took a motion:</p> <p>Motion: Approve for Board approval four consultant agreement amendments for capital projects as follows:</p> <ul style="list-style-type: none"> A. Amendment No. 9 to Agreement A3676A with URS Corporation for Design Services for Anderson Dam Seismic Retrofit Project, Project No. 91864005 and Engineering Support During Construction for Anderson Dam Tunnel Project, Project No. 91864006 (Time Extension, Scope Change, Cost Increase); B. Amendment No. 1 to Agreement A4418A with COWI North America, Inc. for Construction Management Services for Anderson Dam Tunnel Project No. 91864006 (Scope Change, Cost Increase); C. Amendment No. 3 to Agreement A3941A with GEI Consultants, Inc. for Design Services for the Guadalupe Dam Seismic Retrofit Project No. 91894002 (Time Extension) D. Amendment No. 1 to Agreement A4632A with CDM Smith, Inc. for Project Management Services for the Purified Water Project No. 91304001 (Administrative Updates)

2022 (DRAFT) Capital Improvement Program Committee Annual Accomplishments Report

WORK PLAN ITEM & INTENDED OUTCOME(S)	ACCOMPLISHMENT DATE, OUTCOME
Election of 2022 Capital Improvement Program Committee Officers 2/14/22: Nominate and elect 2021 Capital Improvement Program Committee Chairperson and Vice Chairperson	2/14/22: It was unanimously carried by roll call vote to elect officers for the year 2022 as follows: Chairperson - Nai Hsueh and Vice Chairperson - Tony Estremera.
Annual CIP Committee Accomplishments Report 1/18/22: Review and accept the Annual CIP Committee Accomplishments Report.	1/18/22: Reviewed and accepted the 2022 CIP Committee Accomplishments Report.
Minutes 1/18/22, 2/14/22, 3/14/22, 4/18/22, 5/16/22, 6/13/22, 7/18/22, 9/01/22, 9/26/22, 10/17/22, 11/14/22, 12/12/22: Approval of Minutes.	1/18/22: The Committee approved the 12/31/21 CIP committee meeting minutes, as presented. 2/14/22: The Committee approved the 1/18/22 CIP committee meeting minutes, as presented. 3/14/22: The Committee approved the 2/14/22 CIP committee meeting minutes, as presented. 4/18/22: The Committee approved the 3/14/22 CIP committee meeting minutes, as presented. 5/16/22: The Committee approved the 4/18/22 CIP committee meeting minutes, as presented. 6/13/22: The Committee approved the 5/16/22 CIP committee meeting minutes, as presented. 7/18/22: The Committee approved the 6/13/22 CIP committee meeting minutes, as presented, and mentioned that a correction on the Minutes should be to delete, “. . . and unanimously carried by roll call vote,” should be stricken out. 9/01/22: The Committee approved the 07/18/22 CIP committee meeting minutes, as amended 9/26/22: The Committee approved the 09/01/22 CIP committee meeting minutes, as amended. 10/17/22: The Committee approved the 09/26/22 CIP committee meeting minutes, as presented. 11/14/22: The Committee approved the 10/17/22 CIP committee meeting minutes, as presented. 12/12/22: The Committee approved the 11/14/22 CIP committee meeting minutes, as presented



Santa Clara Valley Water District

File No.: 22-1446

Agenda Date: 2/13/2023

Item No.: 5.7.

COMMITTEE AGENDA MEMORANDUM Capital Improvement Program Committee

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

SUBJECT:

Review 2023 Capital Improvement Program Committee Work Plan.

RECOMMENDATION:

- A. Review the 2023 Capital Improvement Program Committee Draft Work Plan and make adjustments, as necessary; and
- B. Confirm next meeting date.

SUMMARY:

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

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

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

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 2023 calendar contained in Attachment 2 is provided for reference by the Committee to confirm the next meeting scheduled on March 20, 2023, and the remaining meeting dates for CY 2023.

Establishing a work plan and meeting schedule are necessary to provide staff a basis for meeting planning and logistics coordination and agenda item preparation. Attachment 1 is the 2023 CIP

committee work plan for review and comments by the CIP committee.

ATTACHMENTS:

Attachment 1: 2023 CIP Committee Work Plan

Attachment 2: 2023 CIP Committee Draft Meeting Schedule

UNCLASSIFIED MANAGER:

Candice Kwok-Smith, 408-630-3193

CIP Committee 2023 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
Projects in Mitigation/Plant Establishment						X						
CIP Implementation												
Water Treatment Plant Master Plan Implementation	X											
CIP Development												
CIP Process Audit				X								
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
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											

Canceled

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2023 CIP Committee Draft Meeting Schedule

January						
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September						
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November						
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12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

December						
S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

○ Proposed CIP Committee Meeting Dates

□ Valley Water 2023 Holidays

Attachment 2

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