

March 30, 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, Vice-Chairperson  
Director Jim Beall, Committee Member

Staff Support of the Capital Improvement Program Committee:

Rick L. Callender, Esq., Chief Executive Officer  
Melanie Richardson, Asst. Chief Executive Officer  
Christopher Hakes, Acting Asst. Chief Executive Officer  
Darin Taylor, Chief Financial Officer  
Aaron Baker, Chief Operating Officer – Water Utility  
Rechelle Blank, Chief Operating Officer – Watersheds  
Bhavani Yerrapotu, Interim Chief Operating Officer - Watersheds  
Rachael Gibson, Chief of External Affairs  
Tina Yoke, Chief Administrative Officer  
Leslie Orta, Senior Assistant District Counsel  
Audrey Beaman, Assistant District Counsel  
Sam Bogale, Deputy Operating Officer  
Tony Ndah, Deputy Administrative Officer  
Don Rocha, Deputy Administrative Officer  
Michael Cook, Deputy Administrative 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  
Kirsten Struve, Assistant 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, April 10, 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>.

**This Page Intentionally Left Blank**



## **Santa Clara Valley Water District Capital Improvement Program Committee Meeting**

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

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

### **SPECIAL MEETING AGENDA**

**Monday, April 10, 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

Committee Member:  
Director Jim Beall, District 4

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

**COMMITTEE LIAISON:**  
Jessica Collins

**COMMITTEE CLERK:**  
Eva Marie Sans  
Assistant Deputy Clerk II  
408-265-2306  
[esans@valleywater.org](mailto:esans@valleywater.org)  
[www.valleywater.org](http://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.**

**THIS PAGE INTENTIONALLY LEFT BLANK**

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

---

Monday, April 10, 2023

11:00 AM

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=TojJpYCxXm0>

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: 9415 8013 374**

**Join by Phone:**

**1 (669) 900-9128, 94158013374#**

**1. CALL TO ORDER:**

1.1. Roll Call.

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

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

**3. APPROVAL OF MINUTES:**

- 3.1. Approval of March 20, 2023 Capital Improvement Program Committee Minutes. [23-0388](#)  
Recommendation: Approve the minutes.  
Manager: Candice Kwok-Smith, 408-630-3193  
Attachments: [Attachment 1: 03/20/23 CIP Committee Meeting Minutes](#)  
Est. Staff Time: 5 Minutes

#### 4. REGULAR AGENDA:

- 4.1. Receive and Discuss Information Regarding the Status of Capital Projects in the Feasibility and Planning Phase. [23-0314](#)  
Recommendation: Receive and discuss information regarding the status of capital projects in the feasibility and planning phase.  
Manager: Emmanuel Aryee, 408-630-3074  
Erin Baker, 408-630-2608  
Lisa Bankosh, 408-630-2618  
Ryan McCarter, 408-630-2983  
Vincent Gin, 408-630-2633  
Attachments: [Attachment 1: Feasibility and Planning Report](#)  
Est. Staff Time: 15 Minutes
- 4.2. Receive Information on Change Orders to Anderson Dam Tunnel Project Construction Contract. [23-0332](#)  
Recommendation: Receive Information on Change Orders to Anderson Dam Tunnel Project Construction Contract.  
Manager: Ryan McCarter, 408-630-2983  
Attachments: [Attachment A: Government Code § 84308](#)  
[Attachment 1: Construction Contract Change Orders Status](#)  
[Attachment 2: Construction Contract Financial Status](#)  
Est. Staff Time: 5 Minutes
- 4.3. Receive Information on Upcoming Consultant Agreement Amendments for Capital Projects. [23-0330](#)  
Recommendation: Receive information on upcoming consultant agreement amendments for capital projects.  
Manager: Ryan McCarter, 408-630-2983  
Est. Staff Time: 5 Minutes

4.4. Review 2023 Capital Improvement Program Committee Work Plan.

[23-0331](#)

Recommendation: Review the 2023 Capital Improvement Program Committee Draft Work Plan and make adjustments, as necessary.

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

Attachments: [Attachment 1: 2023 CIP Committee Work Plan](#)

Est. Staff Time: 5 Minutes

**5. CLERK REVIEW AND CLARIFICATION OF COMMITTEE REQUESTS.**

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

**6. ADJOURN:**

6.1. Adjourn to Regular Meeting at 11:00 a.m. on May 15, 2023.





# Santa Clara Valley Water District

---

**File No.:** 23-0388

**Agenda Date:** 4/10/2023

**Item No.:** 3.1.

---

## **COMMITTEE AGENDA MEMORANDUM** **Capital Improvement Program Committee**

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

### **SUBJECT:**

Approval of March 20, 2023 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: 03/20/23 CIP Committee Meeting Minutes

### **UNCLASSIFIED MANAGER:**

Candice Kwok-Smith, 408-630-3193

**THIS PAGE INTENTIONALLY LEFT BLANK**



## CAPITAL IMPROVEMENT PROGRAM MEETING

# DRAFT MINUTES

**MONDAY, MARCH 20, 2023  
11:30 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 11:30 a.m. and via Zoom teleconference.

#### **1.1 Roll Call.**

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

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

Staff members in attendance were G. Adriano, E. Aryee, H. Ashktorab, A. Baker, E. Baker, L. Bankosh, H. Barrientos, A. Beaman, S. Berning, W. Blackard, R. Blank, S. Bogale, J. Bourgeois, T. Bridgen, R. Callender, J. Codianne, J. Collins, M. Cook, E. De Anda, A. Fraumeni, A. Fulcher, M. Ganjoo, C. Gayotin, A. Gschwind, M. Hagerty, C. Hakes, J. Ham, K. Holden, S. Klopfer, E. Llamas, M. Lugo, J. Martin, R. McCarter, P. McElroy, E. Meeks, J. Nam, C. Narayanan, T. Ndah, M. Nguyen, C. Orellana, L. Orta, L. Penilla, A. Phagan, M. Richardson, D. Rocha, J. Villareal, and G. Williams.

Guests in attendance: C. Arnett, S. Grillo, 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 subject not on the agenda.

Katja Irvin, Sierra Club Loma Prieta Chapter Co-chair, requested an interim schedule of accomplishment goals or milestones ahead of the release of the draft EIR, EIS, or the 60% design of the Pacheco Reservoir Expansion Project. Chairperson Hsueh stated that the Pacheco Reservoir Expansion Project was a capital project included in regular project status monitoring report to this Committee.

### 3. APPROVAL OF MINUTES:

#### 3.1 Approval of February 13, 2023 Capital Improvement Program Committee Minutes.

Recommendation: Approve the minutes.

It was moved by Director Estremera, seconded by Director Beall, to approve the February 13, 2023 minutes, as presented.

### 4. REGULAR ITEMS:

#### 4.1 Review Capital Project Monitoring - Construction Report.

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

Various staff reviewed the information on this item, per the attached Committee agenda memo, and corresponding presentation materials contained in Attachment 1.

During the presentation, the Committee requested the following without taking formal action:

- On the *Anderson Dam Tunnel* project, staff would provide a project briefing to Director Beall including water level impacts to construction and surrounding neighborhood.
- On the *Restoration of Natural Creek Functions: Hale Creek Enhancement project*, Office of Communications staff would consider outreach on Valley Water's commitment to stream stewardship and our success to this type of project aside from flood protection and water supply.
- On the *Information Technology Disaster Recovery* project, the Committee was informed that an upcoming closed session would provide an extensive discussion of confidential details on Valley Water's server environment as well as restoration of data and backup plans.

#### 4.2 Consider Staff's Recommendation to Include the Pond A4 Resilient Habitat Restoration Project, a new Initially Validated Water Resources Stewardship Project, in the Capital Improvement Program (CIP) Final FY2024-28 Five-Year Plan.

Recommendation: Consider Staff's Recommendation to Include the Pond A4 Resilient Habitat Restoration Project, a new Initially Validated Water Resources Stewardship Project, in the Capital Improvement Program (CIP) Final FY2024-28 Five-Year Plan.

Lisa Bankosh, Assistant Officer, reviewed the information on this item per the attached agenda memo; and added that this stream stewardship project was integrated but separated from the *Calabazas Creek/San Tomas Aquino Creek-Marsh Connection* project, and that due to unexpected developments in this project, the CIP validation process for the *Pond A4 Resilient Habitat Restoration* project was compressed.

Judy Nam, Senior Water Resources Specialist, reviewed the corresponding presentation materials contained in Attachment 1. During the presentation, the Committee was informed that the *Calabazas Creek/San Tomas Aquino Creek-Marsh Connection* project, a related project which included Pond A4 as part of project area, had received a variety of state and local funding; that there was a recent federal EPA grant award announcement for the Creek-Marsh Connection project with the support of City of Sunnyvale and others; that staff had intended to pursue various grant opportunities for the Pond A4 Resilient Habitat Restoration Project building on the success of the *Creek-Marsh Connection* project; that funding source for Phase 1 of the Pond A4 Resilient Habitat Restoration project would come from Funds 12, and Phase 2 of the project is currently unfunded but staff would pursue potential grants; that SCW D3 would continue to pay for sediment delivery related costs including testing; that sufficient material for ecotone construction at the A8 Ponds exists; therefore, Pond A4 was chosen as an alternative site for SMP sediments; and that the ecotone to be constructed under the Pond A4 Resilient Habitat Restoration project would complement Sunnyvale East/West Channels Flood Protection project and other related projects and provide resilient flood protection to the Sunnyvale shoreline and surround communities.

The Committee took a motion:

Motion: Approve the inclusion of *Pond A4 Resilient Habitat Restoration* Project in the Capital Improvement Program (CIP) Final FY2024-28 Five-Year Plan, and that information related to funding, and comprehensive benefits to surrounding communities from this project would be included on the memo to the full Board.

Motion to J. Beall  
Approve:

Seconded: T. Estremera

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

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

Ryan McCarter, Acting Deputy Operating Officer, reviewed the information on this item per the attached Committee agenda and corresponding presentation materials contained in Attachment 1 and 2, and added that the project cost report seen on Attachment 2 was provided in response to Committee request.

During the presentation, the Committee received information on the overall project spending relative to percentage of the project completed. Director Beall requested a project briefing that would include information on cost savings and benefits to the project resulting from change orders.

The Committee noted the information without taking formal action.

**4.4 Receive Information on Upcoming Consultant Agreement Amendments for Capital Projects.**

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

Various staff reviewed the information on this item per the attached Board Agenda Memo.

The Committee received information on the addition of Government Code § 84308 on the memo of Item 4.4; and requested that staff present information to the full Board on *Amendment No. 3 to Agreement A4296A with Vena Solutions for On-Call Enhancements and Support Services for the CIP Development and Biennial Budget Process* by way of a diagram, the relationship between VENA, VEMO, and ProjectMates. The Committee expressed a desire that at some future time, the contract compliance process could be streamlined for better work efficiency by giving staff authority to modify contract amendments that have reasonable amount of time extension.

**4.5 Review 2023 Capital Improvement Program Committee Work Plan.**

Recommendation: Review the 2023 Capital Improvement Program Committee Draft Work Plan and make adjustments, as necessary.

Chairperson reviewed the work plans items for the next meeting, announced that the Contract Compliance item would be moved from April 2023 to the August 2023 meeting, and requested that staff include the Planning Study of the Maintenance Building in the work plan even without an identified meeting date.

**5. CLERK REVIEW AND CLARIFICATION OF COMMITTEE REQUESTS.**

Eva Sans mentioned the briefing requests for Dir. Beall on Items 4.1 and 4.3.

**6. ADJOURN.**

Chairperson Hsueh adjourned the meeting at 1:15 p.m. to the next meeting on April 10, 2023.

Eva Sans  
Assistant Deputy Clerk II

Approved:  
Date:



# Santa Clara Valley Water District

**File No.:** 23-0314

**Agenda Date:** 4/10/2023

**Item No.:** 4.1.

---

## **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:**

Emmanuel Aryee, 408-630-3074

Erin Baker, 408-630-2608

Lisa Bankosh, 408-630-2618

Ryan McCarter, 408-630-2983

---

**File No.:** 23-0314

**Agenda Date:** 4/10/2023  
**Item No.:** 4.1.

---

Vincent Gin, 408-630-2633



## Capital Project Monitoring - April 2023

Feasibility and Planning Phase			
Row	Project No.	Project Name	Notes, Upcoming Board Actions or potential issues
<u>Water Supply</u>			
1	91084019	Dam Seismic Stability Evaluation	Seismic stability evaluations for Coyote, Chesbro and Uvas Dams 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 currently 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. Staff submitted prescreening application to City of Palo Alto Planning Department and installed Project board sign at the Advanced Water Purification Facility site.
4	93044001	Water Treatment Plant (WTP) Master Plan Implementation Project	The draft problem definition report was delivered in March and the consultant is starting to develop project alternatives.
5	95044002	SCADA Master Plan Implementation Project	The project team is continuing to engage with stakeholders and user groups to establish the future needs for Valley Water's supervisory control and data acquisition system (SCADA), including those that may require improvements to system reliability or enhancements of system functionality. The condition of existing SCADA equipment is currently being evaluated in order to help with the prioritization of replacements. The project team is also starting to engage with other water agencies across the country to obtain information on industry standards, technologies, and best practices.
6	95044001	Distribution System Master Plan Implementation Project	Development of goals and objectives and a comprehensive planning-level water demand study is nearly complete. Retailers are starting to be engaged to help validate demand assumptions and provide feedback on draft goals and objectives
7	95084002	10-Year Pipeline Inspection and Rehabilitation Project	Staff is continuing coordination with internal stakeholders to update the current program. The environmental consultant is currently collecting and evaluating environmental information for the Program EIR preparation.
<u>Flood Protection</u>			
8	26324001	SCW E4: Upper Penitencia Ck, Coyote Ck-Dorel Drive	There has been no federal funding from the U.S. Army Corps of Engineers for this project under the Safe, Clean Water and Natural Flood Protection Program (SCW Program). As a result, Valley Water has focused on progressing the project's key performance indicator (KPI) #2 to construct a 1% flood protection project from Coyote Creek confluence to Capitol Avenue. The Planning Study Report (PSR) was finalized in May 2022. A transition meeting from planning to design was conducted in November 2022. The planning phase of this project is being closed out. During the SCW Program public hearing held on January 24, 2023, the Board of Directors approved a funding modification to reallocate construction-related funding for the Upper Penitencia Creek project to the Fund 26 Operating and Capital Reserves to address the impact of significant capital construction cost increases. Staff will continue to evaluate the availability of construction funding for the Upper Penitencia Creek project on an annual basis as part of the CIP Five-Year Plan development cycle.

## Capital Project Monitoring - April 2023

Feasibility and Planning Phase			
Row	Project No.	Project Name	Notes, Upcoming Board Actions or potential issues
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 reviewed by the Chiefs for input on selection. The Project will move into the design phase in summer 2023, pending Chief and CIP Committee input.
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 was postponed in Valley Water's Capital Improvement Program. Staff is working with USACE to assess if postponement of the tide gate structure replacement will change the economic analysis, and discussing 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). Valley Water is reviewing the Feasibility Cost Share Agreement and looking into potential local partnerships with the State Coastal Conservancy and City of Sunnyvale.</p>
11	50284010	Llagas Creek–Lower, Capacity Restoration, Buena Vista Road to Pajaro River	The Project was on hold due to staffing resources that were required for the Upper Llagas' Project's accelerated schedule. Staff has resumed work on revising and updating the Draft Planning Study Report (from March 2013) to include updated site conditions and resulting hydraulic model updates, including evaluating high water marks from recent storm events, 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	Board approved the project to proceed into planning phase in April 2021 and accepted grant funding in December 2021. The planning phase for problem definition and alternatives development is well underway. In January 2023, an U.S. Environmental Protection Agency Water Quality Improvement Fund grant was awarded to fund studies aimed at restoring tidal action to Pond A4 as part of the Project.
14	26044003	SCW D4.2 - Ogier Ponds	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 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.:** 23-0332

**Agenda Date:** 4/10/2023

**Item No.:** 4.2.

---

## **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 two new Contract Change Orders (CCO #16 and CCO #17) to present to the CIP Committee. Also attached for reference are two attachments showing the overall summary of construction Contract Change Orders (Attachment #1) and summary of construction contract expenditure status (Attachment #2).

**Contract Change Order #16**

1. **Surge Protection Device for Main Switchgear.** Request for Information (RFI) 230.0 and 253.0 submitted by the construction contractor requested clarification of design details shown in Sheet Note 1, Plan Sheet E-003, and Specification Section 16471-2.02 regarding installation of surge protection device. The Project design firm's response resolved the matter and included design scope for additional work to provide a surge protection device for the Main Switchboard Assembly. The work includes all labor, materials, tools, and equipment necessary to incorporate the surge protection device and is valued at \$13,360.00.
2. **CDC 015 Water Quality Instrumentation.** Valley Water issued Contract Documents Clarification (CDC) 015 - Water Quality Instrumentation, updating specification requirements for raw water sources, signal types and ranges, panel size, and power supply parameters. The work includes changes to instrumentation/equipment and is valued at \$52,061.93.
3. **Tree Trimming for Pacific Gas & Electric (PG&E) Pole Relocation.** PG&E's electrical pole relocation includes a new electrical pole and power lines to the Project site by crossing Coyote Creek from Cochrane Road. To safely install the power lines, tree trimming will be required to provide a 10-foot radial clearance. This work will be completed under Section 3.07.03 Time and Materials Work with a not-to-exceed allowance amount of \$10,000.00.

**Contract Change Order #17**

1. **Cost Increase to Bid Item No. 11a - Other Wildlife and Fish Species.** Bid item 11a - Other Wildlife and Fish Species, has an estimated fixed allowance amount of \$250,000 to be billed against to reimburse the Contractor for actual costs it incurs paying for its qualified biologists performing work in accordance with Specification Section 19.09 - Other Wildlife and Fish Species. Staff expects the original estimated allowance will be depleted by early to middle of 2023. Increasing the allowance amount will provide funding to continue the necessary

biological services through 2023. This change order is valued at \$145,080.00.

The net value of the two Contract Change Orders (CCO #16 and CCO #17) is \$220,501.93.

**ATTACHMENTS:**

Attachment A: Government Code § 84308

Attachment 1: Construction Contract Change Orders Status

Attachment 2: Construction Contract Financial Status

**UNCLASSIFIED MANAGER:**

Ryan McCarter, 408-630-2983

**THIS PAGE INTENTIONALLY LEFT BLANK**

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

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

List of Participants and Their Agents/Representatives Known to Staff

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

**THIS PAGE INTENTIONALLY LEFT BLANK**



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

CCO #	CIP Committee Date	Approval Date	Description	Amount	Contingency Amount	Approval Level	Status
		4/27/2021	Original Contract	\$161,140,321.00	\$40,000,000.00	Board	
1	1/18/2022	12/16/2021	Additional Tree Removal, Protection and Relocation	\$460,250.41	\$39,539,749.59	DOO	Approved
2	2/14/2022	4/26/2022	Outlet Works Vertical Shaft Re-sizing	\$3,783,119.15	\$35,756,630.44	CEO	Approved
3	5/16/2022	5/17/2022	Water Quality Monitoring Equipment, Miscellaneous demolition, TCEAP VHF/UHF Radios	\$131,603.28	\$35,625,027.16	AOO	Approved
4	6/13/2022	6/30/2022	Tunnel and Miscellaneous Items from CDC-001/001.1, Remove Taber Drilling from Scope	\$386,801.98	\$35,238,225.18	DOO	Approved
5	6/13/2022	6/30/2022	Upsizing Soil Nail Rows D&E from #18 to #20	\$228,562.00	\$35,009,663.18	DOO	Approved
6	7/18/2022	8/6/2022	Increased Quantity of Diversion Portal Excavation, Assistance with Geological Investigations, Internet access to Trailer # 2, and Change of Infill material for High Level Outlet Works (HLOW) Shaft	\$63,063.32	\$34,946,599.86	UM	Approved
7	9/26/2022	10/31/2022	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	10/18/2022	10/26/2022	Disposal of Regulated and Organic Material	\$80,000.00	\$33,339,875.02	UM	Approved
9	11/14/2022	11/18/2022	3-D Modeling of HLOW Shaft	\$101,101.00	\$33,238,774.02	AOO	Approved
10	12/12/2022	12/19/2022	Monitoring of Additional Piezometer, Supplementary Support for the Transition Zone, DOS Portal Conditions, Partnering	\$1,971,946.48	\$31,266,827.54	ACEO	Approved
11	2/13/2023	12/19/2022	Time Related Overhead Time Impact Analysis 002	\$2,515,330.18	\$28,751,497.36	CEO	Approved
12	2/13/2023	1/19/2023	Increased Quantity of Diversion Tunnel Excavation Class 5	\$1,800,000.00	\$26,951,497.36	ACEO	Approved
13	2/13/2023	2/24/2023	Diversion Outlet Structure (DOS) Energy Dissipation Chamber Grated Access Opening	\$26,000.00	\$26,925,497.36	UM	Approved
14	3/20/2023	TBD	Increased Quantity for 18.5 Foot Diameter Tunnel Excavation Class 5, Increased Quantity for Bid Item No. 2h, 2i, 2j, 2k. Decreased Quantity for Bid Item No. 5a and 5b.	\$156,000.00	\$26,769,497.36	AOO	Routing
15	3/20/2023	TBD	Diversion Outlet Structure CLSM Saturday Premium Time, Diversion Portal Soil Nail Wall Condition	\$436,753.65	\$26,332,743.71	DOO	Routing
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	\$26,332,743.71	UM	Approved

<b>Total Approved</b>	<b>16</b>	<b>Total</b>	<b>\$13,667,256.29</b>	<b>\$26,332,743.71</b>
-----------------------	-----------	--------------	------------------------	------------------------

Pending CCO #	CIP Committee Date	Approval Date	Description	Amount	Contingency Amount	Approval Level	Status
16	4/10/2023		Surge Protection Device for Main Switchgear, CDC 015 Water Quality Instrumentation, Tree Trimming for Pacific Gas & Electric Pole Relocation	\$75,421.93	\$26,257,321.78	UM	Pending
17	4/10/2023		Increased Bid Item No. 11A - Allowances, Other Wildlife and Fish Species, Specification section 19.09	\$145,080.00	\$26,112,241.78	AOO	Pending

<b>Total Pending</b>	<b>2</b>	<b>Total</b>	<b>\$220,501.93</b>	<b>\$26,112,241.78</b>
----------------------	----------	--------------	---------------------	------------------------

Total Number of COs (Approved & Pending)	Total Amount of COs (Approved & Pending)
18	\$13,887,758.22

**THIS PAGE INTENTIONALLY LEFT BLANK**

**Anderson Dam Tunnel Project - Construction Contract Financials**

Bid Item No.	Description	Amount	Balance Remaining	Billed Through February 2023	
				Percent (%)	Amount
1	MOBILIZATION AND DEMOBILIZATION	\$ 16,150,000.00	\$ 2,911,975.00	82%	\$ 13,238,025.00
2	SITE PREPARATION	\$ 5,713,000.00	\$ 1,766,107.78	69%	\$ 3,946,892.22
3	DIVERSION PORTAL	\$ 6,173,496.00	\$ 261,886.40	96%	\$ 5,911,609.60
4	LAKE-TAP PORTAL	\$ 4,215,000.00	\$ 4,093,500.00	3%	\$ 121,500.00
5	TUNNEL EXCAVATION AND LINING	\$ 47,438,325.00	\$ 43,452,825.00	8%	\$ 3,985,500.00
6	SHAFT EXCAVATION AND LINING	\$ 10,100,000.00	\$ 4,336,360.00	57%	\$ 5,763,640.00
7	MICROTUNNEL	\$ 9,982,000.00	\$ 9,331,000.00	7%	\$ 651,000.00
8	DIVERSION OUTLET STRUCTURE	\$ 48,678,550.00	\$ 41,867,247.00	14%	\$ 6,811,303.00
9	COYOTE CREEK MODIFICATIONS	\$ 6,421,550.00	\$ 6,173,750.00	4%	\$ 247,800.00
10	SUPPLEMENTAL WORK ITEMS	\$ 5,668,400.00	\$ 5,668,400.00	0%	\$ -
11	ALLOWANCES	\$ 600,000.00	\$ 442,257.16	39%	\$ 157,742.84
		<b>Total Original Contract Amount</b>	<b>Total Balance Remaining</b>	<b>Percent (%) Billed</b>	<b>Total Billed To Original Contract Amount</b>
		<b>\$ 161,140,321.00</b>	<b>\$ 120,305,308.34</b>	<b>25%</b>	<b>\$ 40,835,012.66</b>

CCOs	Description	Amount	Balance Remaining	Billed Through February 2023	
				Percent (%)	Amount
CCO 1-13	CONTRACT CHANGE ORDERS (CCO)	\$ 13,048,502.64	\$ 2,839,400.84	78%	\$ 10,209,101.80
		<b>Total Contract Amount Including CCOs</b>	<b>Total Balance Remaining Including CCOs</b>	<b>Total Percent (%) Billed Including CCOs</b>	<b>Total Billed Including CCOs</b>
		<b>\$ 174,188,823.64</b>	<b>\$ 123,144,709.18</b>	<b>29%</b>	<b>\$ 51,044,114.46</b>

**THIS PAGE INTENTIONALLY LEFT BLANK**



# Santa Clara Valley Water District

**File No.:** 23-0330

**Agenda Date:** 4/10/2023

**Item No.:** 4.3.

---

## **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 is one consultant agreement amendments for capital projects presented here for the Committee's information:

#### **1. Amendment No. 4 to Agreement A3639A with URS Corporation for Planning, Environmental, and Design Consultant Services for Almaden Dam Improvement Project No. 91854001 (Time Extension, Scope Change) (R. McCarter)**

Staff will recommend Deputy Administrative Officer approval of Amendment No. 4 to Agreement A3639A with URS Corporation (Consultant) for Planning, Environmental, and Design Consultant Services for Almaden Dam Improvement Project No. 91854001 (Project), to extend the term of the Agreement by one year from December 31, 2023, through December 31, 2024 and incorporate administrative updates. The Amendment also separates the Planning, Design, Environmental and Permitting Services Tasks for the portions related to Almaden Dam from the Almaden-Calero Canal so that work on these two Project components

can proceed independently.

Valley Water has water rights to annually convey up to 6,000 acre-feet of water from Almaden Reservoir via the Almaden-Calero Canal to Calero Reservoir to maximize the storage of runoff from the Almaden Watershed. The canal is exhibiting deficiencies of aging infrastructure, including slope instability, accumulated sedimentation, deterioration of the canal lining, and insufficient freeboard; all conditions which have now been prioritized to remediate. Since Almaden Dam exhibits no seismic instability issues to address, it can therefore proceed with the design phase after work on the canal has been completed.

Since 2013, the Consultant has been providing planning, environmental, and design services for the Project, which includes work on Almaden Dam and the Almaden-Calero Canal. Currently, because work on Almaden Dam has been deferred, pursuant to Amendment No. 4 to A3639A, Consultant will move forward with the Almaden-Calero Canal improvements.

Government Code § 84308 Applies: Yes ☐ No ☒

**ATTACHMENTS:**

None.

**UNCLASSIFIED MANAGER:**

Ryan McCarter, 408-630-2983



# Santa Clara Valley Water District

---

**File No.:** 23-0331

**Agenda Date:** 4/10/2023

**Item No.:** 4.4.

---

## **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:**

Review the 2023 Capital Improvement Program Committee Draft Work Plan and make adjustments, as necessary.

### **SUMMARY:**

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

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

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

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.

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.

---

**File No.:** 23-0331

**Agenda Date:** 4/10/2023  
**Item No.:** 4.4.

---

**ATTACHMENTS:**

Attachment 1: 2023 CIP Committee Work Plan

**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
<b>Capital Project Monitoring</b>												
Feasibility/Planning		X		X				X		X		
Design/Permitting		X			X			X			X	
Construction			X			X			X			X
Projects in Mitigation/Plant Establishment						X						
<b>CIP Implementation</b>												
Water Treatment Plant Master Plan Implementation		X										
Pond A4 Resilient Habitat Restoration			X									
Guadalupe River – Tasman to 880 Alternatives						X						
Contracts Compliance Process Review								X				
Headquarters Operations Building Planning												
<b>CIP Development</b>												
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
<b>Standing Items</b>												
Anderson Dam Tunnel Project Contingency and Change Order Monitoring	X	X	X	X	X	X		X	X	X	X	X
Upcoming Consultant Agreement Amendments	X	X	X	X	X	X		X	X	X	X	X
Workplan	X	X	X	X	X	X		X	X	X	X	X
Minutes	X	X	X	X	X	X		X	X	X	X	X
Annual Election of Committee Officer	X											

Canceled

Recess

**THIS PAGE INTENTIONALLY LEFT BLANK**