



# **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>

## **REGULAR MEETING AGENDA**

**Monday, March 18, 2024  
11:00 AM**

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

**BOARD COMMITTEE MEMBERS:**

Committee Chair:  
Director Nai Hsueh, District 5  
  
Committee Vice Chair:  
Director Tony 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:** Dave Leon  
(COB Liaison)  
Assistant Deputy Clerk II  
408-630-2006  
[davidleon@valleywater.org](mailto:davidleon@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.**

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

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Monday, March 18, 2024

11:00 AM

District Headquarters, Board Conference Room

A-124

5700 Almaden Expressway, San Jose, CA 95118

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

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

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

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

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

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 <http://emmas.msrbo.org/> and <https://www.valleywater.org/how-we-operate/financebudget/investor-relations>, respectively.

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

**Join Zoom Meeting:**

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

**Meeting ID: 941 5801 3374**

**Join by Phone:**

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

**1. CALL TO ORDER:**

1.1. Roll Call.

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

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

- 2.1. Election of 2024 Capital Improvement Program Committee Officers. [24-0290](#)

Recommendation: Nominate and elect the 2024 Capital Improvement Program Committee Chairperson and Vice Chairperson.

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

### 3. APPROVAL OF MINUTES:

- 3.1. Approval of February 26, 2024 Capital Improvement Program Committee Minutes. [24-0303](#)

Recommendation: Approve the minutes.

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

Attachments: [Attachment 1: 022624 CIP Committee Draft Minutes](#)

### 4. REGULAR AGENDA:

- 4.1. Receive and Discuss Information Regarding the Status of Capital Projects in the Construction Phase. [24-0254](#)

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

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

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

- 4.2. Receive Information on Change Orders to Anderson Dam Tunnel Project Construction Contract. [24-0255](#)

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

Manager: Ryan McCarter, 408-630-2983

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

- 4.3. Review 2024 Capital Improvement Program Committee Work Plan. [24-0257](#)

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

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

Attachments: [Attachment 1: 2024 CIP Committee Work Plan](#)

**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 April 15, 2024.

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# Santa Clara Valley Water District

**File No.:** 24-0290

**Agenda Date:** 3/18/2024

**Item No.:** 2.1.

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

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

### **SUBJECT:**

Election of 2024 Capital Improvement Program Committee Officers.

### **RECOMMENDATION:**

Nominate and elect the 2024 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.

<b>Year</b>	<b>Chairperson</b>	<b>Vice Chairperson</b>
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

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2019	N. Hsueh	L. LeZotte
2020	N. Hsueh	L. LeZotte
2021	N. Hsueh	L. LeZotte
2022	N. Hsueh	T. Estremera
2023	N. Hsueh	T. Estremera

**ENVIRONMENTAL JUSTICE AND EQUITY IMPACT:**

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

**ATTACHMENTS:**

None.

**UNCLASSIFIED MANAGER:**

Candice Kwok-Smith, 408-630-3193





# Santa Clara Valley Water District

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**File No.:** 24-0303

**Agenda Date:** 3/18/2024  
**Item No.:** 3.1.

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

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

### **SUBJECT:**

Approval of February 26, 2024 Capital Improvement Program Committee Minutes.

### **RECOMMENDATION:**

Approve the minutes.

### **SUMMARY:**

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

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

### **ATTACHMENTS:**

Attachment 1: 022624 CIP Committee Draft Minutes

### **UNCLASSIFIED MANAGER:**

Candice Kwok-Smith, 408-630-3193

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CAPITAL IMPROVEMENT COMMITTEE MEETING

# DRAFT MINUTES

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## SPECIAL MEETING

**MONDAY, February 26, 2024  
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 Committee (Committee) was called to order in the Valley Water Headquarters Building Boardroom at 5700 Almaden Expressway, San Jose, California, and by Zoom teleconference, at 11:04 a.m.

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

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

Staff members in attendance were: Gina Adriano, Emmanuel Aryee, Aaron Baker, Erin Baker, Audrey Beaman, Sarah Berning, Mark Bilski, Wade Blackard, Sam Bogale, John Bourgeois, Rita Chan, Jen Codianne, Jiana Escobar, Alicia Fraumeni, Meenakshi Ganjoo, Andrew Garcia, Christopher Hakes, Katrina Holden, Cody Houston, Susana Inda, Candice Kwok-Smith, Peggy Lam, Cecil Lawson, Dave Leon, Kurt Lueneburger, Ryan McCarter, Patricia McElroy, Brian Mendenhall, Tony Ndah, Karl Neuman, Kathy Nguyen, Julianne O'Brien, Carlos Orellana, Leslie Orta, Luz Penilla, Alison Phagan, Mike Potter, Maged Salib, Amandeep Sani, Miguel Silva, Kirsten Struve, Darin Taylor, Odilia Teixeira, Gregory Williams, Tina Yoke, and Beckie Zisser.

Public in attendance were: XXX-XXX-5815, John Anttonen, Daveljl, Rebecca Eisenberg, HH, Neeta, Forest Olaf Peterson, Rick, John Varela, and VeliMari.

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

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

## **3.APPROVAL OF MINUTES:**

- 3.1. Approval of January 22, 2024 Capital Improvement Program Committee Meeting Minutes.

Recommendation: Approve the minutes.

The Committee considered the attached minutes of the January 22, 2024 Committee meeting.

Public Comments: None.

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

## **Regular Agenda:**

- 4.1. 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.

Emmanuel Aryee, Ryan McCarter, and Karl Neuman reviewed the information on this item, per the attached Committee Agenda Memo, and the corresponding presentation materials contained in Attachment 1 were reviewed by staff per the row and Deputy's initials as follows: Emmanuel Aryee reviewed rows marked EA, Ryan McCarter reviewed rows marked RM, and Karl Neuman reviewed rows marked BY.

Emmanuel Aryee, Ryan McCarter, Chris Hakes, and Karl Neuman were available to answer questions.

Vice Chairperson Estremera arrived at 1:09 p.m.

Public Comments: None

The Committee received the information, took no formal action, and requested that staff include information relating to Ross Creek

as part of the Upper Guadalupe River SPRR to Blossom Hill project reports. The Committee further requested that staff contact the City of San Jose relating to whether they are planning to replace the Julian Street bridge.

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.

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

Public Comments: None.

The Committee received the information and took no formal action.

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

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

John Bourgeois reviewed the information on this item, per the attached Committee Agenda Memo, and was available to answer questions.

Public Comments: None.

The Committee received the information and approved a motion by Vice Chairperson Estremera, seconded by Director Beall, and unanimously carried to forward the report including information on single source subconsultants to the Board.

4.4 Receive Information Regarding Valley Water's Processes to Verify Construction Contractor Compliance with Legal and Procedural Requirements for Contract Award.

Recommendation: Receive information regarding Valley Water's processes to verify construction contractor compliance with legal and procedural requirements for contract award.

Tony Ndah and Amandeep Sani reviewed the information on this item, per the attached Committee Agenda Memo, and the corresponding presentation materials contained in Attachment 1.

Tony Ndah, Amandeep Sani, and Tina Yoke were available to answer questions.

Public Comments: None.

The Committee received the information and took no formal action.

4.5. Receive Information on the Headquarters Operations Building Project No. 60204032 and Consider Renovation and Replacement Alternatives.

Recommendation:

A. Receive information on the Headquarters Operations Building Project No. 60204032; and

B. Consider Renovation and Replacement Alternatives

Tony Ndah reviewed the information on this item, per the attached Committee Agenda Memo, and the corresponding presentation materials contained in Attachment 1 and was available to answer questions.

Public Comments: None.

The Committee received the information, took no formal action, and requested that staff engage Valley Water ERGs relating to ADA accessible designs for the renovation project.

4.6. Review 2023 Capital Improvement Program Committee Work Plan and Proposed 2024 Meeting Schedule.

Recommendation:

A. Review the 2024 Capital Improvement Program Committee Work Plan and make adjustments, as necessary; and

B. Confirm dates for 2024 CIP Committee meetings.

The Committee considered this Item without a staff presentation.

Public Comments: None.

The Committee received the information and took no formal action.

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

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

The Committee took no action.

**6. Adjourn:**

6.1. Adjourn to Regular Meeting at 11:00 a.m. on March 18, 2024.

Chairperson Hsueh adjourned the meeting at 12:28 p.m.

Dave Leon  
Assistant Deputy Clerk II

Date Approved:

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# Santa Clara Valley Water District

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**File No.:** 24-0254

**Agenda Date:** 3/18/2024

**Item No.:** 4.1.

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

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

### **SUBJECT:**

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

### **RECOMMENDATION:**

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

### **SUMMARY:**

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

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

### **ENVIRONMENTAL JUSTICE IMPACT:**

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

### **ATTACHMENTS:**

Attachment 1: Capital Project Monitoring Report - Construction Phase

**UNCLASSIFIED MANAGER:**

Emmanuel Aryee, 408-630-3074

Ryan McCarter, 408-630-2983

Bhavani Yerrapotu, 408-630-2735

Cecil Lawson, 408-630-2424

Capital Project Monitoring Report – Construction Phase

March 2024

CM Services

Row	Project No.	Project Name	Notes, Upcoming Board Actions or potential issues	Deputy's Initials	In house	External	Combination
Water Supply							
1	95084002	10-Year Pipeline Inspection and Rehabilitation Project (Santa Clara Conduit - Phase 1)	All shutdown-required work has been completed and the pipeline has been returned to service. The contractor continues non-shutdown-required work, including the vault appurtenances. Construction completion is anticipated in spring 2024.	EA	X		
2	95084002	10-Year Pipeline Inspection and Rehabilitation Project (Santa Clara Conduit - Phase 2)	Pipeline dewatering and internal inspections were completed in early December 2023. Internal carbon fiber reinforced polymer and mortar repairs were completed in January 2024. Shutdown-required work is expected to be completed by March 2024. Staff is currently evaluating the impacts of delays in fabrication and delivery of long lead time materials and equipment. Construction completion is currently anticipated for September 2024.	EA	X		
3	95084002	10-Year Pipeline Inspection and Rehabilitation Project (Snell)	Pipeline dewatering and internal inspections were completed in early December 2023. Internal carbon fiber reinforced polymer and mortar repairs were completed in February 2024. Shutdown-required work is expected to be completed in March 2024. Staff is currently evaluating the impacts of delays in fabrication and delivery of long lead time materials and equipment. Construction completion is currently anticipated for January 2025.	EA	X		
4	93294058	Rinconada WTP Residuals Remediation Project	Construction of the new solids handling facilities, including sludge storage tanks, centrifuge feed pump station, centrate wet well B, centrifuges, and polymer chemical system at centrifuge building B are completed. Equipment testing and startup is in progress. Contractor is addressing required programming changes. Commissioning is expected to commence in late March 2024. Construction completion is anticipated for May 2024.	EA	X		
5	93284013	Santa Teresa Water Treatment Plant Filter Media Replacement Project	Contractor has completed the influent valve replacement for Filter 3W, remaining nozzle replacement in Filter 1E, and is coordinating material procurement. The Contractor will continue with media installation in Filters 1W, 3W, and 1E. Construction completion is anticipated for late 2024.	EA	X		
6	91094009	South County Recycled Water Pipeline	All contract pipeline work, including paving, is complete. A ribbon cutting was held in October 2023 for the supply of recycled water to start. Stage 1 (civil) construction completion is anticipated for spring 2024, which will be followed by a three-year Stage 2 Plant Establishment Phase.	EA	X		
7	93294057	Rinconada WTP Reliability Improvement Project Phases 3-6	Staff is continuing to review and respond to contractor's submittals and RFIs. Contractor is currently constructing the temporary chemical fill station and began pre-work for the demolition of the existing clarifiers. A public meeting for the project was held on February 29, 2024. Construction completion is currently anticipated for fall 2029.	EA			X

8	91864006	Anderson Dam Tunnel Project (FOCP)	Tunnel excavation in the 24-foot diameter Low-Level Outlet Tunnel (LLOT) was completed on February 7, 2024. The Contractor plans to mobilize the 8-foot diameter Micro-Tunnel Boring Machine (MTBM) and its appurtenances in May 2024 and launch the MTBM in June 2024. For the in-water works, dredging was completed in December 2023 and the intake structure foundation in January 2024. Progress on construction of the Diversion Outlet Structure (DOS) walls has been ongoing since November 2023 and is expected to be completed by the end of March 2024. The Anderson Force Main realignment is in progress and pending the completion of cathodic protection. The Coyote Creek North Channel work is in progress.	RM		X
9	91864010	Cross Valley Pipeline Extension Project (FOCP)	The creek outfall, PG&E electrical service and trench/paving restoration is now complete. The contractor continues to address deficiency list items and support the troubleshooting of owner-furnished equipment. Construction completion is now anticipated for spring 2024, pending the ability to commission the pipeline and its appurtenances since the Santa Clara Conduit has recently been dewatered under another project.	RM	X	
10	91864008	Coyote Creek Chillers Plant Project (FOCP)	Valley Water’s Board of Directors awarded the construction contract to AES Industrial on September 12, 2023. Staff issued the Notice to Proceed on October 4, 2023. Construction is in progress, including layout and potholing of existing underground utilities prior to excavation activities. Staff is currently evaluating potential delays to the manufacturing and delivery of owner-furnished electrical equipment. Construction completion is currently anticipated for winter 2024.	RM	X	
11	91864007	Coyote Creek Flood Management Measures Project (FOCP)	Valley Water’s The Board of Directors awarded the construction contract on May 16, 2023. Construction is in progress and approximately 4,000 linear feet of floodwall had been constructed by the end of February 2024. Phased Notices to Proceed for all phases of construction has been issued. However, the last Notice to Proceed is for a limited area, as staff is finalizing easement acquisitions from two property owners. Construction is scheduled for completion in October 2024.	BY		X
12	91864009	Coyote Percolation Dam Replacement Project (FOCP)	The in-creek improvements, including the new rubber dam installation, fish ladder weir gates and rock slope protection, were completed in early December 2023. Work associated with the Control Building is underway, including foundation and retaining wall construction. Installation of electrical utilities and utility piping is in progress. Construction completion is currently anticipated for June 2024. PG&E’s work to provide new electric service is expected to be delayed due to their late request for an easement with Santa Clara County. The Contractor will perform all other construction work not impacted by PG&E electric service and the project team is coordinating for a temporary backup power source.	BY	X	
Flood Protection						
13	40174005	Berryessa Creek, Calera Creek to Calaveras Blvd (E3), Phase 2	On June 27, 2023 the Board accepted the civil work as complete on the Lower Calera Creek Flood Protection Project (Stage #1). Repairs to a City of Milpitas water main were completed in February 2024 and the contractor expects to complete work for maintenance roads, fence installations, and paving by the end of March 2024. The three-year plant establishment and maintenance phase has begun and is anticipated to be completed by February 2026.	BY	X	

14	00044026	San Francisco Bay Shoreline, EIA 11 - Alviso Slough to Coyote Creek Bypass	Construction of levees in the first three reaches, Reaches 1-3, is ongoing. Reaches 1-3 are located between the Alviso Marina and U.S. Fish and Wildlife Service Don Edwards San Francisco Bay National Wildlife Refuge Environmental Education Center. The United States Army Corps of Engineers awarded the construction contract in August 2021 to Maloney-Odin Joint Venture (MOJV). Construction began on December 6, 2021, and is anticipated to be completed in summer 2025. MOJV completed a milestone of construction of stage 1 for Reach 1 - meaning the levee has been constructed to an elevation of 12 feet and the levee settlement period is ongoing. MOJV had been degrading/removing the existing levee and constructing the new levee at Reaches 2-3 but this is currently on-hold due to wet weather conditions.	BY	N/A	USACE construction
15	62084001	Watershed Asset Rehabilitation Program (WARP)	<p>All civil construction work for the Calabazas Creek Rehabilitation Project (Bollinger Road to Miller Avenue) was completed by November 15, 2023. The contractor completed plant installation and hydroseeding in December 2023. The six-year plant establishment period and three-year hydroseed establishment and maintenance period began on December 16, 2023. On January 9, 2024, Valley Water's Board of Directors approved an increase to the construction contract contingency amount to pay for the costs of accelerating the construction schedule in 2023. Staff is in the process of Stage 1 (civil work) project closeout.</p> <p>All civil construction work for the Coyote Creek Rodent Damage Levee Restoration Project was completed by October 15, 2023 and all remaining contract work was completed in January 2024. The Notice of Completion and Acceptance of Work are anticipated to be brought to the March 26, 2024 Board meeting. The three-year plant establishment maintenance period is underway and is anticipated to be completed by November 2026.</p>	BY	X	
16	26044004	D6.2: Bolsa Road Fish Passage Improvements	<p>Valley Water's Board of Directors awarded the construction contract to Teichert, Inc. on July 12, 2022. Construction of in-channel work was completed in October 2023 and construction of out-of-channel work was completed in February 2024. A three-year plant establishment and maintenance period will follow the completion of the civil construction work.</p> <p>Staff plans on recommending the Board to approve an increase of \$1,100,000 to the construction contingency amount of Contract No. C0687 in March 2024. This increase is needed to address the significant erosion observed due to the two 10-year storms that occurred in early 2023 after award of construction contract (July 2022) and prior to start of construction (June 2023).</p>	BY		X
17	26174051 26174052 26174055	E6: Upper Llagas Creek Flood Protection Project, Phase I and Phase 2A	Construction contract for Phase 2A was awarded in summer 2021 and is currently in progress. Significant utility relocations have been completed as of February 2023, and the underground twin reinforced concrete box culverts along Del Monte Avenue and Ciolino Avenue were completed as of December 2022. Drilling of the 2,300-foot underground bypass tunnel was completed in January 2023 and the tunnel concrete lining was completed on May 30, 2023. The tunnel subcontractor, DrillTech, demobilized on June 16, 2023. On May 1, 2023, Hale Avenue was closed so the underground twin reinforced concrete box culverts along Hale Avenue could be constructed before schools reopen on August 16, 2023. Hale Avenue was reopened to public traffic on August 7, 2023, four days ahead of schedule. Phase 2A contract completion date is expected May of 2024, and the project is currently on schedule.	BY	Phase 1	Phase 2A

Buildings & IT							
18	73274009	Data Consolidation	The Human Resources Division (HR) implemented Hyland's OnBase enterprise information platform and scanned their paper archives. This effort digitized over 80 document types into a new paperless system. HR went live with the system in June 2023. The project team is currently in the process of scoping implementation for the Community Projects Review Unit in alignment with the desired outcomes of their recent audit and modernization project.	CL	N/A	N/A	N/A
19	73274001	Information Technology Disaster Recovery	In partnership with VMware and Amazon Web Services, Valley Water is progressing on building a redundant virtual data center in the cloud. This project will allow Valley Water servers to run side-by-side in on-site and cloud data centers to create an "always ready" redundant server environment.	CL	N/A	N/A	N/A
20	73274002	ERP System Implementation	Project team continues to work with Infor to address implementation functionality gaps in areas of timekeeping, payroll, and procurement.	CL	N/A	N/A	N/A



# Santa Clara Valley Water District

**File No.:** 24-0255

**Agenda Date:** 3/18/2024

**Item No.:** 4.2.

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

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

### **SUBJECT:**

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

### **RECOMMENDATION:**

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

### **SUMMARY:**

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

### **Project Background**

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

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

By unanimous roll call vote at its May 17, 2021, meeting, the Committee approved recommending to the full Board that it consider delegating authority to staff to approve change orders for the ADTP at the amounts stated below and that the CIP Committee receive regular monthly reports with information regarding approved change orders, pending change orders, and the cumulative amounts. Valley Water's Board of Directors accepted the CIP Committee recommendations at its regular meeting on May 25, 2021.

### ***Delegated Approval Authority***

Unit Manager: Up to \$100,000  
Assistant Operating Officer: Up to \$250,000  
Deputy Operating Officer: Up to \$500,000  
Assistant Chief Executive Officer: Up to \$2.5 million  
Chief Executive Officer: Up to \$5 million  
Board of Directors: \$5 million and above

### ***Construction Contract Change Orders Status***

There is one new Contract Change Order (CCO #32) to present to the CIP Committee. The value of the Contract Change Order is \$151,565.00. Two attachments providing information on construction contract change orders (Attachment 1) and construction contract financials (Attachment 2) are included for reference.

### **Contract Change Order #32**

#### **1. Additional Cost for Diversion Outlet Structure (DOS) Rock Anchors Installation:**

Anderson Dam Tunnel Project (ADTP) contractor Flatiron West, Inc. (FWI) and their subcontractor Drill Tech Drilling and Shoring (DTDS) incurred additional costs during the installation of rock anchors in the DOS. Additional material and time were required during the grouting operations for the rock anchors due to higher-than-anticipated grout takes in the drilled holes into which the anchors were installed due to the high permeability of the rock in the affected area. Due to the higher grout takes, more time was required to perform grouting operations; therefore, DTDS's production for installing anchors was impacted. Additionally, per FERC and Division of Safety of Dams direction, DTDS performed additional quality control pull testing to confirm the quality of rock anchors with increased grout takes.

This change covers all additional costs and production impacts associated with additional grouting time, pull testing, grout material cost, and FWI support costs. The total cost of this change is valued at \$151,565.00.

### **ENVIRONMENTAL JUSTICE AND EQUITY IMPACT:**

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

### **ATTACHMENTS:**

Attachment A: Government Code §84308: Flatiron West, Inc.  
Attachment 1: Construction Contract Change Orders Status  
Attachment 2: Construction Contract Financial Status



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**File No.:** 24-0255

**Agenda Date:** 3/18/2024  
**Item No.:** 4.2.

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**UNCLASSIFIED MANAGER:**  
Ryan McCarter, 408-630-2983

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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

<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>
Drill Tech Drilling & Shoring, Inc.	David Shupe	Vice President	2200 Wymore Way, Antioch, CA 94509

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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
		4/27/2021	Original Contract	\$161,140,321.00	\$40,000,000.00	Board	
1	1/18/2022	12/16/2021	Additional Tree Removal, Protection and Relocation	\$460,250.41	\$39,539,749.59	DOO	Approved
2	2/14/2022	4/26/2022	Outlet Works Vertical Shaft Re-sizing	\$3,783,119.15	\$35,756,630.44	CEO	Approved
3	5/16/2022	5/17/2022	Water Quality Monitoring Equipment, Miscellaneous demolition, TCEAP VHF/UHF Radios	\$131,603.28	\$35,625,027.16	AOO	Approved
4	6/13/2022	6/30/2022	Tunnel and Miscellaneous Items from CDC-001/001.1, Remove Taber Drilling from Scope	\$386,801.98	\$35,238,225.18	DOO	Approved
5	6/13/2022	6/30/2022	Upsizing Soil Nail Rows D&E from #18 to #20	\$228,562.00	\$35,009,663.18	DOO	Approved
6	7/18/2022	8/6/2022	Increased Quantity of Diversion Portal Excavation, Assistance with Geological Investigations, Internet access to Trailer # 2, and Change of Infill material for High Level Outlet Works (HLOW) Shaft	\$63,063.32	\$34,946,599.86	UM	Approved
7	9/26/2022	10/31/2022	DOS Foundation Excavation - Revised Soil Nail Wall, and Additional Environmental Compliance for Water Quality Monitoring and Soil Testing	\$1,526,724.84	\$33,419,875.02	ACEO	Approved
8	10/18/2022	10/26/2022	Disposal of Regulated and Organic Material	\$80,000.00	\$33,339,875.02	UM	Approved
9	11/14/2022	11/18/2022	3-D Modeling of HLOW Shaft	\$101,101.00	\$33,238,774.02	AOO	Approved
10	12/12/2022	12/19/2022	Monitoring of Additional Piezometer, Supplementary Support for the Transition Zone, DOS Portal Conditions, Partnering	\$1,971,946.48	\$31,266,827.54	ACEO	Approved
11	2/13/2023	12/19/2022	Time Related Overhead Time Impact Analysis 002	\$2,515,330.18	\$28,751,497.36	CEO	Approved
12	2/13/2023	1/19/2023	Increased Quantity of Diversion Tunnel Excavation Class 5	\$1,800,000.00	\$26,951,497.36	ACEO	Approved
13	2/13/2023	2/24/2023	Diversion Outlet Structure (DOS) Energy Dissipation Chamber Grated Access Opening	\$26,000.00	\$26,925,497.36	UM	Approved
14	3/20/2023	4/03/2023	Increased Quantity for 18.5 Foot Diameter Tunnel Excavation Class 5, Increased Quantity for Bid Item No. 2h, 2i, 2j, 2k. Decreased Quantity for Bid Item No. 5a and 5b.	\$156,000.00	\$26,769,497.36	AOO	Approved
15	3/20/2023	4/18/2023	Diversion Outlet Structure CLSM Saturday Premium Time, Diversion Portal Soil Nail Wall Condition	\$436,753.65	\$26,332,743.71	DOO	Approved
16	4/10/2023	5/12/2023	Surge Protection Device for Main Switchgear, CDC 015 Water Quality Instrumentation, Tree Trimming for Pacific Gas & Electric Pole Relocation	\$84,200.00	\$26,248,543.71	AOO	Approved
17	4/10/2023	5/12/2023	Increased Bid Item No. 11A Allowance - Other Wildlife and Fish Species, Specification Section 19.09	\$145,080.00	\$26,103,463.71	AOO	Approved
18	5/15/2023	5/30/2023	Traffic Support for Press Event	\$2,023.00	\$26,101,440.71	AOO	Approved
19	6/30/2023	5/25/2023	Increase Bid Item No. 5x Tunnel Excavation in Transition Zone - Class 5	\$994,500.00	\$25,106,940.71	ACEO	Approved
20	6/30/2023	8/10/2023	18" Hydro Return Line Decommissioning, Low Level Outlet Tunnel Steel Sets Enlargement, DPP8 Boring Survey Assistance, Air Vent Pipe Procurement, CDC 007.3 North Channel FWI Scope 2023, CDC 007.3 North Channel DTDS Scope 2023.	\$1,175,413.01	\$23,931,527.70	ACEO	Approved
21	6/30/2023	7/26/2023	Time Related Overhead Time Impact Analysis 003	\$884,042.66	\$23,047,485.04	ACEO	Approved

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

CCO #	CIP Committee Date	Approval Date	Description	Amount	Contingency Amount	Approval Level	Status
22	8/21/2023	7/31/2023	Additional Shotcrete in the Transition Zone, Increase in Bid Item No. 5g – Transition Zone Rock Bolts	\$424,016.00	\$22,623,469.04	DOO	Approved
23	8/21/2023	9/27/2023	Anderson Force Main Galvanic Cathodic Protection, Air Vent Pipe Installation	\$573,874.58	\$22,049,594.46	ACEO	Approved
24	10/16/2023	11/21/2023	Micro-Tunnel Boring Machine (MTBM) Lake Tap Tie Down, Reservoir Log Boom Relocation	\$108,205.00	\$21,941,389.46	AOO	Approved
25	10/16/2023	11/27/2023	North Channel Tree Removal, Allowance Increase for Additional Environmental Compliance for Water Quality Monitoring and Soil Testing, Access Hatch for HLOW Shaft.	\$848,456.00	\$21,092,933.46	ACEO	Approved
26	11/13/2023	12/23/2023	Quantity Increase for Bid Item No. 5d – 24 Foot Diameter Tunnel Excavation Class 3, Quantity Increase for Bid Item No. 5g – Transition Zone Rock Bolts, Allowance Increase for Bid Item No. 11a – Other Wildlife and Fish Species Increase, V-Ditch Extension at 460, Winterization of North Channel Dike 2023	\$833,772.00	\$20,259,161.46	ACEO	Approved
27	12/11/2023	1/04/2024	Cost Increase for DOS Foundation Excavation – Revised Soil Nail Wall ,Quantity Increase for Bid Item No. 5r – Pre-excavation Drilling Within Rock Tunnel.	\$1,341,261.43	\$18,917,900.03	ACEO	Approved
28	12/11/2023	1/19/2024	Quantity Increase for Bid Item 4c Lake-Tap Excavation (Dredging) Microtunnel Boring Machine Landing Pad	\$570,375.00	\$18,347,525.03	ACEO	Approved
29	1/22/2024	12/26/2023	Bid Item Increase 5o - Probing within Rock Tunnel	\$370,800.00	\$17,976,725.03	DOO	Approved
30	1/22/2024	2/14/2024	Revised Motor Control Center (MCCA) Schedule, Additional Telemetry Pull Box, Material Escalation due to Delay in Issuing Notice to Proceed (NTP) 2A/2B, Credit for Hoot Owl Way Landslide Supplemental Work.	-\$1,821,904.61	\$19,798,629.64	ACEO	Approved
31	2/26/2024	TBD	Cost increase for North Channel Dewatering Wells, 2024 Reservoir Log Boom Relocation Allowance, Alternative Initial Lining - Sawtooth Design Method, Concrete Abrasion Testing, Allowance for Trash Rack Foundation Design Changes	\$1,457,191.11	\$18,341,438.53	ACEO	Pending
DCO #	CIP Committee Date	Approval Date	Description	Amount	Contingency Amount	Approval Level	Status
1	09/26/22	10/05/22	Milestone 7, 9, and 10 Completion Revisions	\$0.00	\$18,341,438.53	UM	Approved

**New CCOs for CIP Committee**

Pending CCO #	CIP Committee Date	Approval Date	Description	Amount	Contingency Amount	Approval Level	Status
32	3/18/2024	TBD	Additional Cost for Diversion Outlet Structure (DOS) Rock Anchors Installation:	\$151,565.00	\$18,189,873.53	ACEO	Pending

Total COs Approved	32	Total	\$21,658,561.47	\$18,341,438.53
Total COs Pending	1	Total	\$151,565.00	\$18,189,873.53

Total Number of COs (Approved & Pending)	Total Amount of COs (Approved & Pending)
33	\$21,810,126.47

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

Bid Item No.	Description	Amount	Balance Remaining	Billing Through Feb 2024*	
				Percent (%)	Amount
1	MOBILIZATION AND DEMOBILIZATION	\$ 16,150,000.00	\$ 2,531,893.74	84%	\$ 13,618,106.26
2	SITE PREPARATION	\$ 5,713,000.00	\$ 613,353.42	89%	\$ 5,099,646.58
3	DIVERSION PORTAL	\$ 6,173,496.00	\$ 261,886.40	96%	\$ 5,911,609.60
4	LAKE-TAP PORTAL	\$ 4,215,000.00	\$ 821,280.00	81%	\$ 3,393,720.00
5	TUNNEL EXCAVATION AND LINING	\$ 47,438,325.00	\$ 23,785,256.99	50%	\$ 23,653,068.01
6	SHAFT EXCAVATION AND LINING	\$ 10,100,000.00	\$ 4,336,360.00	57%	\$ 5,763,640.00
7	MICROTUNNEL	\$ 9,982,000.00	\$ 9,052,000.00	9%	\$ 930,000.00
8	DIVERSION OUTLET STRUCTURE	\$ 48,678,550.00	\$ 34,277,610.61	30%	\$ 14,400,939.39
9	COYOTE CREEK MODIFICATIONS	\$ 6,421,550.00	\$ 3,848,187.00	40%	\$ 2,573,363.00
10	SUPPLEMENTAL WORK ITEMS	\$ 5,668,400.00	\$ 2,260,000.00	60%	\$ 3,408,400.00
11	ALLOWANCES	\$ 600,000.00	\$ 245,090.16	59%	\$ 354,909.84
		<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>\$ 82,032,918.32</b>	<b>49%</b>	<b>\$ 79,107,402.68</b>

  

CCOs	Description	Amount	Balance Remaining	Billing Through January 2024*	
				Percent (%)	Amount
CCO 1-30	CONTRACT CHANGE ORDERS (CCO)	\$ 20,200,693.42	\$ 2,330,378.85	88%	\$ 17,870,314.57
		<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>\$ 181,341,014.42</b>	<b>\$ 84,363,297.17</b>	<b>53%</b>	<b>\$ 96,977,717.25</b>

\*Includes estimated February 2024 billing, currently under review.

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# Santa Clara Valley Water District

**File No.:** 24-0257

**Agenda Date:** 3/18/2024

**Item No.:** 4.3.

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

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

### **SUBJECT:**

Review 2024 Capital Improvement Program Committee Work Plan.

### **RECOMMENDATION:**

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

### **SUMMARY:**

Work Plans are created and implemented by all Board Committees to increase Committee efficiency, provide increased public notice of intended Committee discussions, and enable improved staff follow-up. Work Plans are dynamic documents managed by Committee Chairs and are subject to change. Committee Work Plans also assist in preparing Annual Committee Accomplishment 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 is necessary to provide staff with a basis for meeting planning and logistics coordination and agenda item preparation. Attachment 1 is the 2024 CIP committee work plan for review and comments by the CIP committee.

### **ENVIRONMENTAL JUSTICE AND EQUITY IMPACT:**

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

**ATTACHMENTS:**

Attachment 1: 2024 CIP Committee Work Plan

**UNCLASSIFIED MANAGER:**

Candice Kwok-Smith, 408-630-3193

## CIP Committee 2024 Work Plan

	<i>Jan</i>	<i>Feb</i>	<i>Mar</i>	<i>Apr</i>	<i>May</i>	<i>Jun</i>	<i>Jul</i>	<i>Aug</i>	<i>Sep</i>	<i>Oct</i>	<i>Nov</i>	<i>Dec</i>
<b>Capital Project Monitoring</b>												
Feasibility/Planning	X			X			X			X		
Design/Permitting		X			X			X			X	
Construction	X		X			X			X			X
Projects in Mitigation/Plant Establishment						X						
<b>CIP Implementation</b>												
Construction Contractor Compliance		X										
Headquarters Operations Building Planning		X										
Construction Activities Carbon Footprint								X				
Master Plan/Implementation Projects				X	X			X				
Almaden Valley Pipeline Replacement												
Dam Safety Program Strategy												
<b>CIP Development</b>												
Final CIP Performance Audit									X			
Water Supply Capital Workshop									X			
CIP Planning Process												
• Annual CIP Process and Integrated Financial Planning Schedule and Review of Initially Validated and Unfunded Projects										X		
Preliminary CIP Review												X
• Review Significant Project Plan Updates												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	X
Upcoming Consultant Agreement Amendments	X	X	X	X	X	X	X	X	X	X	X	X
Workplan	X	X	X	X	X	X	X	X	X	X	X	X
Minutes	X	X	X	X	X	X	X	X	X	X	X	X
Annual Election of Committee Officer			X									

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