



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, January 22, 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
www.valleywater.org

Note: The finalized Board Agenda, exception items and supplemental items will be posted prior to the meeting in accordance with the Brown Act.

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

Monday, January 22, 2024

11:00 AM

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

Join Zoom Meeting:
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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 Chair in the order requests are received and granted speaking access to address the Board.

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

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

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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.

3. APPROVAL OF MINUTES:

- 3.1. Approval of December 11, 2023 Capital Improvement Program Committee Minutes. [24-0101](#)
- Recommendation: Approve the minutes.
- Manager: Candice Kwok-Smith, 408-630-3193
- Attachments: [Attachment 1: 12/11/23 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 Construction Phase. [24-0006](#)
- 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: Construction Report](#)
- Est. Staff Time: 10 Minutes
- 4.2. Receive and Discuss Information Regarding the Status of Capital Projects in the Feasibility and Planning Phase. [24-0007](#)
- Recommendation: Receive and discuss information regarding the status of capital projects in the feasibility and planning phase.
- Manager: Emmanuel Aryee, 408-630-3074
Bhavani Yerrapotu, 408-630-2735
Lisa Bankosh, 408-630-2618
Ryan McCarter, 408-630-2983
Kirsten Struve, 408-630-3138
Tony Ndah, 408-630-2208
- Attachments: [Attachment 1: Feasibility and Planning Report](#)
- Est. Staff Time: 10 Minutes
- 4.3. Receive Information on Change Orders to Anderson Dam Tunnel Project Construction Contract. [24-0008](#)
- 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

- 4.4. Receive Information on Upcoming Consultant Agreement Amendments for Capital Projects. [24-0009](#)

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

Manager: Emmanuel Aryee, 408-630-3074
Bhavani Yerrapotu, 408-630-2735
Kirsten Struve, 408-630-3138

Attachments: [Attachment A: Government Code § 84308](#)
[Attachment 1: Time-Only Extension Amendments](#)

Est. Staff Time: 5 Minutes

- 4.5. Review 2024 Capital Improvement Program Committee Work Plan and 2024 Proposed Meeting Schedule. [24-0010](#)

Recommendation: A. Review the 2024 Capital Improvement Program Committee Draft Work Plan and make adjustments, as necessary; and
B. Confirm dates for 2024 CIP Committee meetings.

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

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

Est. Staff Time: 5 Minutes

5. CLERK REVIEW AND CLARIFICATION OF COMMITTEE REQUESTS.

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

6. ADJOURN:

- 6.1. Adjourn to Special Meeting at 11:00 a.m. on Monday, February 26, 2024.

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Santa Clara Valley Water District

File No.: 24-0101

Agenda Date: 1/22/2024
Item No.: 3.1.

COMMITTEE AGENDA MEMORANDUM **Capital Improvement Program Committee**

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

SUBJECT:

Approval of December 11, 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: 12/11/23 CIP Committee Meeting Minutes

UNCLASSIFIED MANAGER:

Candice Kwok-Smith, 408-630-3193

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CAPITAL IMPROVEMENT COMMITTEE MEETING

DRAFT MINUTES

SPECIAL MEETING

MONDAY, December 11, 2023
1:30 PM

(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 1:31 p.m.

1.1 Roll Call.

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

Staff members in attendance were: Huggen Angeles, Joseph Aranda, Emmanuel Aryee, Meghan Azralon, Aaron Baker, Erin Baker, Audrey Beaman, Sandra Benavidez, Sarah Berning, Mark Bilski, Sam Bogale, James Bohan, John Bourgeois, Theresa Chinte, Jen Codianne, Jessica Collins, Enrique De Anda, Collette Frawley, Meenakshi Ganjoo, Rachael Gibson, Vince Gin, Mark Gomez, Andy Gschwind, Christopher Hakes, Linh Hoang, Katrina Holden, Cody Houston, Susana Inda, Matt Keller, Candice Kwok-Smith, Cecil Lawson, Dave Leon, Janice Lum, Becky Manchester, Jennifer Martin, Ryan McCarter, Patrice McElroy, Tony Ndah, Karl Neuman, Linda D. Nguyen, Julianne O'Brien, Carlos Orellana, Leslie Orta, Peter Park, Alison Phagan, Liz Penilla, Mike Potter, Melanie Richardson, Andrew Quan, Metra Richert, Don Rocha, Michelle San

Miguel, Diahann Soleno, Kirsten Struve, Darin Taylor, Odilia Teixeira, Cheryl Togami, David Tucker, Jose Villarreal, Bhavani Yerrapotu, and Tina Yoke.

Public in attendance were: XXX-XXX-5815, XXX-XXX-6626, BryaWelc, Jakob Evans, GJacobson, Katja Irvin, My, NBD, Forest Olaf Peterson, 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 November 13, 2023 Capital Improvement Program Committee Meeting Minutes.

Recommendation: Approve the minutes.

The Committee considered the attached minutes of the November 13, 2023 Committee meeting.

Public Comments: None.

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

Chairperson Hsueh moved the agenda to item 4.2.

Regular Agenda:

4.2. Review the Capital Project Plan Updates From the Board Adopted Capital Improvement Program Fiscal Year 2024-28 Five-Year Plan and Review and Consider Recommendations Regarding the Development of the Capital Improvement Program Preliminary Fiscal Year 2025-29 Five-Year Plan.

Recommendation: Review the Capital Project Plan Updates from the Board Adopted Capital Improvement Program Fiscal Year 2024-28 Five-Year Plan and review and consider recommendations regarding the development of the Capital Improvement Program Preliminary Fiscal Year 2025-29 Five-Year Plan and provide recommendations to staff as needed.

Jessica Collins and Carmen Narayan reviewed the information on this item, per the attached Committee Agenda Memo, and the

corresponding presentation materials contained in Attachments 1-5.

Jessica Collins, Carmen Narayan, Kirsten Struve, Darin Taylor, and Bhavani Yerrapotu were available to answer questions.

Director Beall arrived at 1:40 p.m.

Public Comments: Katja Irvin spoke relating to rate increases and updates to the Pacheco project.

The Committee received the information, provided feedback, and took no formal action.

Chairperson Hsueh moved the agenda to item 4.1.

4.1. 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: Katja Irvin spoke relating to tree removal and offsite mitigation vs onsite mitigation for areas that aren't on county parklands.

The Committee received the information, took no formal action, and requested that staff list change orders by bid item number and include total project costs on the Construction Contract Financial Status document.

Chairperson Hsueh moved the agenda to item 4.3.

4.3. Review 2023 Capital Improvement Program Committee Work Plan.

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

The Committee considered this Item without a staff presentation.

Public Comments: None.

The Committee received the information and took no formal action.

5. CLERK REVIEW AND CLARIFICATION OF COMMITTEE REQUESTS:

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

The Committee took no action.

6. Adjourn:

6.1. Adjourn to Special Meeting at 11:00 a.m. on January 22, 2024.

Chairperson Hsueh adjourned the meeting at 3:05 p.m. to the special meeting at 11:00 a.m. on January 22, 2024.

Dave Leon
Assistant Deputy Clerk II

Date Approved:



Santa Clara Valley Water District

File No.: 24-0006

Agenda Date: 1/22/2024

Item No.: 4.1.

COMMITTEE AGENDA MEMORANDUM **Capital Improvement Program Committee**

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

SUBJECT:

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 impacts associated with this item.

ATTACHMENTS:

Attachment 1: Construction Report

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 – January 2024

Construction Phase					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 early 2024.	EA	X		
2	95084002	10-Year Pipeline Inspection and Rehabilitation Project (Almaden Valley Pipeline)	All contract work and testing were completed in July 2023. The Board accepted the civil work as complete on September 12, 2023. The Contractor’s retention was released in October 2023.	EA	X		
3	95084002	10-Year Pipeline Inspection and Rehabilitation Project (Santa Clara Conduit - Phase 2)	Pipeline dewatering and internal inspections were completed in early December 2023. Shutdown-required work is expected to be completed by March 2024. Construction completion is currently anticipated for September 2024.	EA	X		
4	95084002	10-Year Pipeline Inspection and Rehabilitation Project (Snell)	Pipeline dewatering and internal inspections were completed in early December 2023, and staff are analyzing the results. Shutdown-required work is expected to be completed by March 2024. Construction completion is currently anticipated for January 2025.	EA	X		
5	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 various equipment deficiencies identified during testing and startup, as well as incorporating required programming changes. Commissioning is expected to commence in late January 2024. Construction completion is anticipated for March 2024.	EA	X		
6	93764004	Small Capital Improvements, Water Treatment: Penitencia WTP Flocculation/Sedimentation Basin Rehabilitation Project	All contract work and testing were completed in September 2023., The Board of Directors accepted the civil work as complete on December 12, 2023.	EA	X		
7	93284013	Santa Teresa Water Treatment Plant Filter Media Replacement Project	Plant shutdown began in November 2023 and plant operations will start back up in May 2024. During the shutdown, the contractor will continue to work on items such as influent valve replacement, filter fencing, and material procurement. Construction completion is anticipated for late 2024.	EA	X		
8	91094009	South County Recycled Water Pipeline	All contract pipeline work, including paving, is complete and the contractor continues to address deficiency list items. Stage 1 (civil) construction completion is anticipated for early 2024, which will be followed by a three-year Stage 2 Plant Establishment Phase.	EA	X		
9	93294057	Rinconada WTP Reliability Improvement Project Phases 3-6	Staff is reviewing and responding to contractor's submittals and RFIs. Contractor is currently mobilizing equipment and personnel, as well as conducting pre-construction photo surveys. Construction completion is currently anticipated for fall 2029.	EA			X

10	91864006	Anderson Dam Tunnel Project (FOCP)	Tunnel excavation continues in the 24-foot diameter Low-Level Outlet Tunnel (LLOT) reach. As of December 13, 2023, about 1240 feet of the tunnel has been excavated with about 160 feet remaining in the LLOT reach. Once the LLOT reach is completed, the launch chamber for the 8-foot diameter Micro-Tunnel Boring Machine (MTBM) will be constructed at the end of the tunnel. Dredge work in the reservoir was completed and the contractor plans to complete the intake structure foundation by the end of January. The Diversion Outlet Structure (DOS) foundation construction was finished in October, and the contractor began construction of the DOS wall mid-November. Work in the north channel of Coyote Creek is underway to connect the realigned Anderson Force Main.	RM			X
11	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 early 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		
12	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. The Contractor is working on immediate submittals and mobilization to the site. Staff is currently evaluating potential delays to the manufacturing and delivery of owner-furnished electrical equipment. Construction completion is currently anticipated for June 2024.	RM	X		
13	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 over 3,000 linear feet of floodwall had been constructed by the end of November. Phased Notice to Proceed for all phases of construction has been issued. However, the last Notice to Proceed is for a limited area, as staff is still trying to obtain rights-of-way from two property owners. Construction is scheduled for completion in October 2024.	BY		X	
14	91864009	Coyote Percolation Dam Replacement Project (FOCP)	The in-creek improvements, including the new rubber dam installation, were completed in early December 2023. Work associated with the Control Building is underway. Construction completion is currently anticipated for June 2024.	BY	X		
<u>Flood Protection</u>							
15	10244001	Permanente Creek, SF Bay to Foothill Expressway - Lower Peninsula Fund	Valley Water’s Board of Directors awarded the construction contract on November 22, 2022. Construction for the floodwall retrofit has been completed. The Board of Directors accepted the civil work as complete on August 8, 2023. The County of Santa Clara recorded the Notice of Completion on August 25, 2023. The Contractor's retention was released in October 2023.	BY	X		
16	26164001	D6: Restoration of Natural Creek Functions: Hale Creek Enhancement Pilot Project	The construction contract was awarded to McGuire and Hester on May 10, 2022. Construction began on June 1, 2022, and was completed in April 2023. In-channel construction (Milestone #1) was completed on November 18, 2022, and top-of-bank construction (Milestone #2) was completed in January 2023 and then the deficiency list work was completed in April 2023. On August 8, 2023 the Board of Directors accepted the work as complete for Stage 1, comprised of Milestones #1 and #2, and directed the Clerk of the Board to submit the Notice of Completion for recording with the County of Santa Clara. The three-year plant establishment maintenance and monitoring (Milestone #3) period began on December 23, 2022, and is expected to last until December 2025.	BY			X

17	40334005	Lower Penitencia Creek Improvements, Coyote Creek to Berryessa Creek	Construction for Lower Penitencia Creek Project started in July 2021. All civil work in the contract was completed in July 2023. A ribbon-cutting event took place on June 20, 2023. On November 14, 2023, Valley Water’s Board of Directors accepted the Stage 1 civil work as complete. The three-year plant establishment phase has begun and is anticipated to be completed by December 2025.	BY	X		
18	40174005	Berryessa Creek, Lower Penitencia Creek to Calaveras Blvd (E3), Phase 2	Construction for the Lower Calera Creek Project started in June 2021. All in-channel floodwall work has been completed. On June 13, 2023 Valley Water’s Board of Directors approved a budget adjustment and an increase to the construction contract contingency amount for the Lower Calera Creek Flood Protection Project and 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 are underway and expected to be completed late December 2023. This will be followed by finish grading of maintenance roads, fence installations, paving and a three-year plant establishment phase.	BY	X		
19	26044004	D6.2: Bolsa Road Fish Passage Improvements	Valley Water’s Board of Directors awarded the construction contract to Teichert, Inc. on July 12, 2022. Notice to Proceed for construction was issued on July 26, 2022; however, the construction contract was awarded too late for the contractor to begin work during the permit work window. Construction of in-channel work began June 15, 2023 and was completed in October 2023. A three-year plant establishment and maintenance period will follow the completion of the civil construction work.	BY			X
			Uvas Creek within the project limits experienced significant erosion due to the two ten-year flood events that occurred in January and March of 2023, prior to start of construction. the changed ground conditions resulted in additional quantities of material for slope protection and the contractor is preparing the estimates and pay requests for this additional effort. The resulting change order could exceed the approved construction contract contingency amount. Staff plans on recommending the Board approve increasing the amount of contingency in January 2024.				
			The Board of Directors accepted Phase 1 construction as completed on May 24, 2022. This precedes a three-year plant establishment phase, which is currently underway and will be completed in March 2025. Erosion repairs caused during the 2022-2023 high flow storm events were repaired in early October 2023. Primarily, repairs were completed on the chute and pools fish passage structure immediately downstream of Lake Silveira to re-establish functionality. Repairs took approximately 2 weeks to complete. Due to the storm events 400 plants were replaced and irrigation repaired.				
20	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, but the project is currently a couple of months ahead of schedule.	BY	Phase 1		Phase 2A

21	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' and the levee settlement period is ongoing. MOJV has been degrading/removing the existing levee and constructing the new levee at Reaches 2-3.	BY	N/A	USACE construction
22	62084001	Watershed Asset Rehabilitation Program (WARP)	<p>The Board of Directors awarded the construction contract for the Calabazas Creek Rehabilitation Project (Bollinger Rd. to Miller Ave.) to Granite Construction on May 24, 2022. This two-season project consists of repair for 10 erosion sites using rock riprap and minor concrete for six sites and steel-pile retaining structures for the remaining four sites. Year one construction of six sites was completed in summer 2022. Due to additional permit amendments, the start of year two construction was delayed. However, due to efforts to expedite the work, all civil work was completed by November15, 2023. The contractor completed plant installation and hydroseeding in December 2023 and commencement of a six-year plant establishment and three-year hydroseed establishment and maintenance began on December 16, 2023. Due to staff’s efforts to expedite this work, most of the Board-approved contingency will be expended and staff plans to bring a request to increase the amount of contingency to the Board in January 2024.</p> <p>The Board awarded the contract for the Coyote Creek Rodent Damage Levee Restoration construction contract from Tasman to SR 237 on June 27, 2023. The Notice to Proceed was issued on July 12, 2023. All in-creek work was completed by October 15, 2023, and the contractor continues to work on deficiency list items. Construction completion is anticipated for early 2024. The construction work will be followed by a three-year plant establishment maintenance period until 2026.</p> <p>Two erosion repair locations on Guadalupe River at Malone Road and at Blossom Hill Road were approved to advertise for bids by Valley Water’s Board of Directors at the May 16, 2023 meeting. Bid opening was held on June 14, 2023, and staff recommended rejection of all bids at the August 22, 2023 Board Meeting. Tentative contract readvertisement planned for spring 2025 and expected for completion by October 15,2025, with additional three-year plant establishment maintenance period until 2027.</p>	BY	X	
Buildings & IT						
23	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

24	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
25	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

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Santa Clara Valley Water District

File No.: 24-0007

Agenda Date: 1/22/2024

Item No.: 4.2.

COMMITTEE AGENDA MEMORANDUM **Capital Improvement Program Committee**

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

SUBJECT:

Receive and Discuss Information Regarding the Status of Capital Projects in the 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 2024 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.

ENVIRONMENTAL JUSTICE IMPACT:

There are no Environmental Justice impacts associated with this item.

ATTACHMENTS:

Attachment 1: Feasibility and Planning Report

UNCLASSIFIED MANAGER:

Emmanuel Aryee, 408-630-3074

Bhavani Yerrapotu, 408-630-2735

Lisa Bankosh, 408-630-2618

Ryan McCarter, 408-630-2983

Kirsten Struve, 408-630-3138

Tony Ndah, 408-630-2208

Capital Project Monitoring Report - January 2024

Feasibility and Planning Phase				
Row	Project No.	Project Name	Notes, Upcoming Board Actions or potential issues	Deputy's Initials
Water Supply				
1	91084019	Dam Seismic Stability Evaluation	Seismic stability evaluations for Coyote, Chesbro and Uvas Dams are on track for completion in December 2023. Spillway evaluations for Lenihan and Stevens Creek Dams are on track and have been submitted for Division of Safety of Dams (DSOD) review.	RM
2	92C40357	FAHCE Implementation	Fish and Aquatic Habitat Collaborative Effort (FAHCE) Phase 1 measures for Coyote Creek were incorporated into the Anderson Dam Seismic Retrofit Project (ADSRP) Draft Environmental Impact Report (EIR), and its associated permitting package. The ADSRP Draft EIR was distributed for public review on September 1, 2023. A public information meeting took place on October 4, 2023. The FAHCE Final Program EIR for Stevens Creek and Guadalupe Watershed was completed on June 30, 2023, and Board certification of the Final Program EIR took place on August 8, 2023. The implementation status for Phase 1 measures will be reported periodically to the Stream Planning and Operations Committee (formerly the FAHCE Ad Hoc Committee).	JB
3	91304001	Palo Alto 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 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 a new agreement to the City of Palo Alto Planning Department to continue funding planning coordination. Staff is continuing to coordinate with the City of Palo Alto Planning Department and other City Departments on preliminary utility and site designs. Staff continues to work with the Regional Water Board to obtain approval of a data gap workplan to conduct environmental sampling of the Los Altos Treatment Plant site location of the future Advanced Water Purification Facility.	KS
4	93044001	Water Treatment Plant (WTP) Master Plan Implementation Project	Staff has finalized the Problem Definition Report and the Conceptual Alternatives Report. Staff continues to develop feasible project alternatives with stakeholder input and new site visits to help validate preliminary project designs and engineering assumptions. The Alternatives Report is a document that outlines the various options available for a particular project or problem. It provides an overview of the different alternatives that can be considered, along with their pros and cons. The Report will screen out alternatives which are unfeasible or impractical based on research conducted.	LP
5	95044002	SCADA Master Plan Implementation Project	Staff has incorporated the needs and gaps identified during field site visits and workshops with Valley Water stakeholders into a Needs Assessment and Gap Analysis Report. Industry standards review work and benchmarking against similar water utility agencies has been done, and findings are being presented to stakeholders for use in upcoming alternatives analysis work.	LP
6	95044001	Distribution System Master Plan Implementation Project	Staff has finalized the Goals and Objectives Technical Memo. Staff is now performing a desktop condition assessment and a performance evaluation of pipeline assets to identify needs that may lead to recommended capital projects.	LP
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.	EA

Flood Protection				
8	30154019	Guadalupe River, Tasman Dr. to I-880	Staff provided an update on the staff-recommended alternative to the Chiefs and the CIP Committee in August 2023, and is working to finalize the Planning Study Report, Planning to Design Transition Report, and close out the planning phase by June 2024. The Project will then move into the design phase. In addition, staff is continuing to research Forecast Informed Reservoir Operations as a potential future enhancement to the staff recommended alternative and confirming 1% design flow changes with US Army Corps of Engineers (USACE) and Federal Emergency Management Agency (FEMA).	BY
9	50284010	Llagas Creek–Lower, Capacity Restoration, Buena Vista Road to Pajaro River	Staff is re-evaluating future capital project needs and updating planning phase deliverables due to new existing conditions. On August 4, 2023, Governor Newsom issued Executive Order (EO) N-10-23 which suspended some permitting requirements for vegetation management activities for the Pajaro River and its tributaries in order to facilitate vegetation removal prior to the upcoming winter. Acting in accordance with the EO, Valley Water was able to remove approximately 14.5 acres of vegetation in Lower Llagas Creek from October 4th through November 1st and successfully restore partial channel capacity. The extent of capacity restoration and remaining future need is currently being evaluated.	BY
10	00044026s	San Francisco Bay Shoreline (E7) - Phase II and Phase III	<p>For the Phase II study, which includes Economic Impact Areas (EIAs) 1-4 (from San Francisquito Creek in Palo Alto to Permanente Creek in Mountain View), USACE 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 provided a draft study close out report in September 2023. Valley Water, the State Coastal Conservancy, Caltrans, and Cities of Palo Alto and Mountain View jointly communicated several comments and concerns with the study analysis and draft report to USACE. USACE is working to address these comments, finalize the study documentation and close out the study. In addition, Valley Water is considering alternate means of working with USACE on smaller projects in the study area, such as through the USACE Continuing Authorities Program (CAP) 205 process or a General Reevaluation Study.</p> <p>USACE kicked off the Phase III Feasibility Study for EIAs 5-10 (from Permanente Creek in Mountain View to Guadalupe River in San Jose) in August 2023. Valley Water and the State Coastal Conservancy are the local sponsors on the project. USACE held a planning charrette to identify initial project alternatives with study stakeholders in early December. USACE's first milestone meeting is tentatively scheduled for February 2024.</p>	BY
Water Resources Stewardship				
11	20444001	Calabazas/San Tomas Aquino Creek-Marsh Connection Project	Following the May 2023 public meeting in which five conceptual restoration alternatives were presented, the Conceptual Alternatives Report is currently being finalized. Preliminary modelling results of the five alternatives indicated optimal locations for berm breaches and other restoration elements and confirms that the project is expected to reduce fluvial flood risk. A stakeholder meeting was held in October 2023 to receive feedback on public access and trail improvements that may be included in the Project. Based on this feedback and the preliminary modelling results, two optimized alternatives were developed, and additional modelling is underway to develop the Feasible Alternatives Report. A second public meeting will be held in the spring to gather input on the Feasible Alternatives. Valley Water is collaborating with California State Coastal Conservancy and others including SAFER Bay in preparing a regional application for the National Oceanic and Atmospheric Administration (NOAA) Coastal Resiliency Grant, in which the Project will request \$15 million to fund Project implementation, including \$5 million for construction of a one-mile segment of the Bay Trail and funding to support tribal participation throughout planning, design, and construction.	LB

12	20444002	Pond A4 Resilient Habitat Restoration Project	Construction access, staging, and delivery of Stream Maintenance Program sediment to Pond A4 was separated from the Calabazas/San Tomas Aquino Creek-Marsh Connection Project and approved as a distinct project in the Final CIP FY 2024-28 Five-Year in April 2023. Necessary documentation for statutory CEQA exemption is being prepared with assistance from consultant HT Harvey. In addition, geotechnical investigation and design development by Haley & Aldrich (formerly Cal Engineering & Geology) using an on-call services agreement is underway. Staff is finalizing materials to complete eligibility for a \$5 million State Coastal Conservancy grant, which is anticipated to be awarded in February.	LB
13	26044003	SCW Ogier Ponds Separation from Coyote Creek (D4.2)	Staff is currently evaluating feasible alternatives as part of the project's Planning Study Report. Negotiations with the primary landowner (Santa Clara County Parks) on a property use agreement (Master License Agreement) are underway. The planning study team is closely coordinating with the Anderson Dam Seismic Retrofit Project team to prepare environmental compliance documents for permitting. Initial conceptual alternatives were developed with Santa Clara County Parks and presented to members of the public and other environmental stakeholders on May 31, 2023. The Feasible Alternatives Report is currently being finalized internally for feedback from partners and stakeholders.	LB
<u>Buildings & IT</u>				
14	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. There is \$2M budgeted in the project to cover consultant fees and any additional design fees for the report. A preliminary version of the report was received by staff in May 2023, and staff have been collaborating with management to evaluate the strategies presented in the report for maximum overall benefit to Valley Water. The analyzed strategies and staff recommended alternative will be presented to the CIP committee for input and consideration.	TN

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Santa Clara Valley Water District

File No.: 24-0008

Agenda Date: 1/22/2024

Item No.: 4.3.

COMMITTEE AGENDA MEMORANDUM **Capital Improvement Program Committee**

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

SUBJECT:

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

RECOMMENDATION:

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

SUMMARY:

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

Project Background

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

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

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

Delegated Approval Authority

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

Construction Contract Change Orders Status

There are two new Contract Change Orders (CCO #29 and CCO #30) to present to the CIP Committee. The value of the Contract Change Orders is a net credit of <\$1,451,104.61>. There is also a status update on previous CCO #27 which was presented to the CIP Committee on Dec 11, 2023. Included for reference are two attachments providing information on construction contract change orders (Attachment #1) and construction contract financials (Attachment #2).

Update regarding CCO #27 that was presented to CIP on Dec 11, 2023: CCO 027 included a Quantity Increase to Bid Item 4c - Lake-Tap Excavation (Dredging) Micro-Tunnel Boring Machine Landing Pad. Although both parties agreed to the additional quantity and cost for this item, more discussion regarding the change order description between Valley Water and Flatiron is needed. Since a resolution was not reached, Valley Water has removed the Quantity Increase to Bid Item 4c - Lake-Tap Excavation (Dredging) Micro-Tunnel Boring Machine Landing Pad from CCO #27 and this item will be updated in a subsequent agenda item once resolved.

Contract Change Order #29

1. **Quantity Increase for Bid Item No. 5o - Probing Within Rock Tunnel.** To explore the soil, rock, and groundwater conditions ahead of tunnel excavation, it is necessary to continue to drill probe holes. For this reason, this bid item is being increased by 25%, or 1,236 linear feet (LF), resulting in a revised total quantity of 6,186 LF. The cost for this change will be compensated at the original bid unit rate of \$300 per LF. This change order is valued at \$370,800.00.

Contract Change Order #30

1. **Revised Motor Control Center (MCCA) Schedule.** Revised drawing E-004 was provided to the Contractor in response to a Request for Information (RFI) which updated the MCCA schedule. The revised MCCA schedule modified valve breaker sizes, associated conduits, and wiring size, and removed the starters from MCCA. This portion of the change order is valued at \$6,395.00.

2. **Additional Telemetry Pull Box.** Contract Design Clarification (CDC) 023 was issued to the Contractor which added an additional pull box to help facilitate the installation of the telemetry cables. This portion of the change order is estimated to be valued at \$3,000.00.
3. **Material Escalation due to Delay in Issuing Notice to Proceed (NTP) 2A/2B.** Notices to Proceed (NTPs) were issued in phases to accommodate the phased approvals for the design elements, agreed upon by the two principal oversight agencies, the Federal Energy Resource Commission (FERC) and the Division of Safety of Dams (DSOD). Due to NTP 2A/2B being issued later than anticipated by 95 days later than the planned date of June 25, 2021, NTP in the ADTP contract, post-pandemic market conditions contributed to escalation in the steel industry material costs during this period.

The delayed issuance of NTP 2A/2B prevented the execution of purchase orders to lock in prices and procure material as originally planned. Steel material price increases for the delayed NTP include steel sets for tunnel excavation support, soil nail anchors for the portal slope support, foundation anchors in the Diversion Outlet Structure, and rock dowels for tunnel excavation support. This portion of the change order is valued at \$1,577,100.39.

4. **Credit for Hoot Owl Way Landslide Supplemental Work.** When the ADTP diversion system becomes operational, rapid drawdowns during heavy storms may contribute to subsequent slope movement. Staff developed alternatives to mitigate future slope movements around the reservoir using engineering solutions such as soil nails, retaining walls, regrading, shear keys, and drainage improvements. Supplemental work items were included in the ADTP contract documents to mitigate future slope movement. However, further analyses of the Hoot Owl Way landslide area determined these solutions may not fully prevent further movement of the slope. Valley Water also considered a precautionary acquisition of the nine parcels materially threatened by the Hoot Owl Way Landslide as a mitigation alternative. After evaluating the various mitigation alternatives, Valley Water determined that the most feasible option is to pursue the acquisition of all nine parcels that may be affected by the Hoot Owl Way Landslide in lieu of performing the supplemental work items.

Supplemental work bid items in the Contract Documents may be deleted entirely or in part at Valley Water's discretion. Contract Design Change No. 034 was issued to remove the supplemental landslide remediation work from the Contract Documents. As a result, supplemental bid items related to Hoot Owl Way Landslide remediation will be credited back entirely which includes Bid Item 10a - Landslide Excavation, Hoot Owl Way, Bid Item 10c - Landslide Remediation, Soil Nails #8, 100 feet, and Bid Item 10e - Landslide Remediation, Earthfill for Hoot Owl Way. This portion of the change order provides a credit in the amount of \$3,408,400.00.

ENVIRONMENTAL JUSTICE IMPACT:

There are no Environmental Justice impacts associated with this item.

ATTACHMENTS:

Attachment A: Government Code §84308

Attachment 1: Construction Contract Change Orders Status

Attachment 2: Construction Contract Financial Status

UNCLASSIFIED MANAGER:

Ryan McCarter, 408-630-2983

Attachment A – Gov. Code § 84308

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

List of Parties and Their Agents/Representatives Known to Staff

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

List of Participants and Their Agents/Representatives Known to Staff

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

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

CCO #	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

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

CCO #	CIP Committee Date	Approval Date	Description	Amount	Contingency Amount	Approval Level	Status
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
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

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

CCO #	CIP Committee Date	Approval Date	Description	Amount	Contingency Amount	Approval Level	Status
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	TBD	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	Pending
28	12/11/2023	TBD	Additional Fish Habitat Tree, Geological and Phytophthora Test Pits, Quantity Increase for Bid Item 4c - Lake-Tap Excavation (Dredging) Microtunnel Boring Machine Landing Pad	\$668,275.00	\$18,249,625.03	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	\$18,249,625.03	UM	Approved

New CCO's for CIP Committee

Pending CCO #	CIP Committee Date	Approval Date	Description	Amount	Contingency Amount	Approval Level	Status
29	1/22/2023	12/26/2023	Bid Item Increase 5o - Probing within Rock Tunnel	\$370,800.00	\$17,878,825.03	DOO	Approved
30	1/22/2023	TBD	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	\$19,700,729.64	ACEO	Pending

Total Approved	29	Total	\$21,750,374.97	\$18,249,625.03			
Total Pending	2	Total	-\$1,451,104.61	\$19,700,729.64			

Total Number of COs (Approved & Pending)	Total Amount of COs (Approved & Pending)
31	\$20,299,270.36

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Anderson Dam Tunnel Project - Construction Contract Financials

Bid Item No.	Description	Amount	Balance Remaining	Billing Through Mid Dec 2023	
				Percent (%)	Amount
1	MOBILIZATION AND DEMOBILIZATION	\$ 16,150,000.00	\$ 2,630,734.37	84%	\$ 13,519,265.63
2	SITE PREPARATION	\$ 5,713,000.00	\$ 876,853.42	85%	\$ 4,836,146.58
3	DIVERSION PORTAL	\$ 6,173,496.00	\$ 261,886.40	96%	\$ 5,911,609.60
4	LAKE-TAP PORTAL	\$ 4,215,000.00	\$ 1,253,100.00	70%	\$ 2,961,900.00
5	TUNNEL EXCAVATION AND LINING	\$ 47,438,325.00	\$ 28,977,485.00	39%	\$ 18,460,840.00
6	SHAFT EXCAVATION AND LINING	\$ 10,100,000.00	\$ 4,336,360.00	57%	\$ 5,763,640.00
7	MICROTUNNEL	\$ 9,982,000.00	\$ 9,052,000.00	9%	\$ 930,000.00
8	DIVERSION OUTLET STRUCTURE	\$ 48,678,550.00	\$ 35,307,881.05	27%	\$ 13,370,668.95
9	COYOTE CREEK MODIFICATIONS	\$ 6,421,550.00	\$ 3,958,387.00	38%	\$ 2,463,163.00
10	SUPPLEMENTAL WORK ITEMS	\$ 5,668,400.00	\$ 5,668,400.00	0%	\$ -
11	ALLOWANCES	\$ 600,000.00	\$ 248,080.37	59%	\$ 351,919.63
		Total Original Contract Amount	Total Balance Remaining	Percent (%) Billed	Total Billed To Original Contract Amount
		\$ 161,140,321.00	\$ 92,571,167.61	43%	\$ 68,569,153.39

CCOs	Description	Amount	Balance Remaining	Billing Through Mid Dec 2023	
				Percent (%)	Amount
CCO 1-26	CONTRACT CHANGE ORDERS (CCO)	\$ 19,740,838.60	\$ 5,356,671.41	73%	\$ 14,384,167.19
		Total Contract Amount Including CCOs	Total Balance Remaining Including CCOs	Total Percent (%) Billed Including CCOs	Total Billed Including CCOs
		\$ 180,881,159.60	\$ 97,927,839.02	46%	\$ 82,953,320.58

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Santa Clara Valley Water District

File No.: 24-0009

Agenda Date: 1/22/2024

Item No.: 4.4.

COMMITTEE AGENDA MEMORANDUM Capital Improvement Program Committee

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

SUBJECT:

Receive Information on Upcoming Consultant Agreement Amendments for Capital Projects.

RECOMMENDATION:

Receive information on upcoming consultant agreement amendments for capital projects.

SUMMARY:

At the March 28, 2017 meeting, the Board of Directors approved revising the Capital Improvement Program (CIP) Committee's purpose to include monitoring 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. A list of consultant agreement amendments which only modified the agreement durations (time-only extensions) is provided in Attachment 1.

There are two consultant agreement amendments for capital projects presented in this memorandum for the Committee's information:

1. Amendment No. 2 to Agreement A4418A with COWI North America, Inc. for Construction Management Services for the Anderson Dam Tunnel Project No. 91864005 (Cost Increase, Time Extension) (E. Aryee)

Staff will recommend Board approval of Amendment No. 2 to Agreement A4418A with COWI North America, Inc. (Consultant) for Construction Management Services for the Anderson Dam Tunnel Project No. 91864006 (ADTP, Project) to extend the term of the Agreement by two years, from April 30, 2024, to April 30, 2026; increase the not-to-exceed (NTE) amount by \$10,112,655 for a new NTE of \$39,162,472; and incorporate administrative updates to the Agreement.

Valley Water is undertaking the Anderson Dam Federal Energy Regulatory Commission Order Compliance Project as a result of the February 20, 2020, directive from the Federal Energy

Regulatory Commission to implement interim risk reduction measures at Anderson Dam. One of those measures is ADTP.

The scope of ADTP includes constructing a diversion system to augment the existing outlet, which will consist of a diversion tunnel and outlet structure, a micro-tunnel lake tap, and modifications to Coyote Creek downstream of the Project. The Project also includes reservoir bank and rim stability improvements and existing intake structure modification.

Pursuant to Agreement No. A4418A, Consultant has been providing construction management services overseeing the construction of ADTP. The construction schedule has been extended by 301 days, through December 30, 2024. Amendment No. 2 to Agreement No. A4428A will provide the additional time and funding necessary for Consultant to continue providing construction management services, including environmental compliance services such as continued air quality monitoring to comply with the Bay Area Air Quality Management District's requirements and monitoring the contractor's environmental compliance with biological permit requirements.

Government Code § 84308 Applies: Yes ☒ No ☐

2. Amendment No. 3 to Agreement No. A4464A, with AECOM Technical Services, Inc., for Design Services for the Federal Energy Regulatory Commission Order Compliance Coyote Creek Flood Management Measure Project No. 91864007, and the Coyote Creek Flood Protection Project No. 26174043 (Scope Change, Cost Increase) (B. Yerrapotu)

Staff will recommend Board approval of Amendment No. 3 to Agreement No. A4464A with AECOM Technical Services, Inc., (Consultant) for design services for the Federal Energy Regulatory Commission Order Compliance Coyote Creek Flood Management Measure Project (Project A) No. 91864007, and Coyote Creek Flood Protection Project (Project B) No. 26174043 to modify the scope of services and increase the Not-to-Exceed Fee by an amount currently being negotiated with Consultant.

The design schedule for Project B has been extended by one year through December 30, 2024 due to the expedited work on Project A. Amendment No. 3 to Agreement No. A4464A will provide the additional time and funding necessary for the Consultant to continue providing design services, including an internal drainage study, design of additional elements that were added to the Project scope upon completion of 60% design, additional hydraulic analyses needed for the Environmental Impact Report, and coordination with City of San Jose Parks, Recreation, and Neighborhood Services staff to develop design alternatives that would minimize impacts on City of San Jose parks.

Valley Water and Consultant are currently negotiating the terms and conditions of Amendment No. 3 to include the increased scope of services.

Government Code § 84308 Applies: Yes ☒ No ☐

ENVIRONMENTAL JUSTICE IMPACT:

There are no Environmental Justice impacts associated with this item.

ATTACHMENTS:

Attachment A: Government Code § 84308

Attachment 1: Time-Only Extension Amendments

UNCLASSIFIED MANAGER:

Emmanuel Aryee, 408-630-3074

Bhavani Yerrapotu, 408-630-2735

Kirsten Struve, 408-630-3138

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Attachment A – Government Code §84308

Receive Information on Upcoming Consultant Agreement Amendments for Capital Projects.

List of Parties and Their Agents/Representatives Known to Staff

<u>Organization Name</u>	<u>Name</u>	<u>Role</u>	<u>Location</u>
COWI North America, Inc.	Thomas Dahlgren	President	88 Pine Street/ Wall Street Plaza, 4 th Floor New York, NY 10005
AECOM Technical Services, Inc.	Theodore B. Feldsher	Principal-in-Charge/Vice President	300 Lakeside Dr., Ste 400, Oakland, CA 94612

List of Participants and Their Agents/Representatives Known to Staff

<u>Organization Name</u>	<u>Name</u>	<u>Role</u>	<u>Location</u>
Cal Engineering & Geology, Inc.	Dan Peluso	Principal	785 Ygnacio Valley Rd. Walnut Creek, CA 94596
Concentric Environmental, LLC	Kevin Graf	Principal	5245 Boyd Ave Oakland, CA 94618
Environmental Science Associates	Erich L. Fischer	Senior Vice President	575 Market Street, Suite 3700 San Francisco, CA 94105
GHD	Ted Whiton	General Manager - US West Region/	4747 N. 22nd Street, Suite 200 Phoenix, AZ 85016
JCK Underground	Geoffrey Hughes	Principal	33 Centre Street Lexington, MA 02421-4245
PMA Consultants	Angel Ripepi	Managing Director - San Francisco	PO BOX 675234 Detroit, MI 48267
Schnabel Engineering West, Inc.	George Teetes	Senior Vice President	16000 Christensen Road, Suite 101 Seattle, WA 98188
Tanner Pacific, Inc.	John G. Mahoney	Principal	751 Laurel Street, Suite 609 San Carlos, CA 94070
Bess Test Labs, Inc.	Michael Bohorquez	Utility Locator	2463 Tripaldi Way Hayward, CA 94545
Cal Engineering & Geology, Inc.	Dan Peluso	Geotechnical Investigation	785 Ygnacio Valley Rd., Walnut Creek, CA, 94596
Duquette Engineering	Steven P Duquette	Structural Engineer	1171 Homestead Road, Suite 275, Santa Clara, CA 95050

<u>Organization Name</u>	<u>Name</u>	<u>Role</u>	<u>Location</u>
EROCK Associates, LLC	UAV	Eric Bennett	116 W. Main Street, Suite 6, Grass Valley, CA 95945
Garavagila Architecture, Inc.	Michael Garavagila	House Elevation Architect	582 Market Street, Suite 1800, San Francisco, CA 94104
Horizon Water and Environment LLC	Ken Schwarz	Environmental Permitting Compliance	266 Grand Ave., Suite 210, Oakland CA 94610
Kleinfelder, Inc	Andrea Traum	Geotechnical Investigation	380 N 1st St Suite A, San Jose, CA 95112
M Lee Corporation	Franklin Lee	Cost Estimating	601 Montgomery Street, Suite 2040, San Francisco, CA 94111
MGE Engineering, Inc.	Robert Sennett	Structural Designer	7415 Greenhaven Drive, Suite 100, Sacramento, CA 95831
Ruggeri Jensen Azar	Scott Shortlidge	Survey	4690 Chabot Drive, Suite 200, Pleasanton, CA 94588
Bay Area Traffic Solutions	Tammy Ta	Traffic Control	44800 Industrial Drive, Fremont, CA 94538
CERCO Analytical, Inc.	Darlene Langford	Analytical Testing	1100 Willow Pass Court, Suite A, Concord, CA 94520
JDH Corrosion Consultants, Inc.	J. Darby Howard	Corrosion Testing	1100 Willow Pass Ct, Concord, CA 94520
McCampbell Analytical	Beverlyn Madrigal	Analytical Testing	1534 Willow Pass Road, Pittsburg, CA 94565
Exploration Geoservices, Inc.	John Collins	Drilling	1535 Industrial Avenue, San Jose, CA 95112

<u>Organization Name</u>	<u>Name</u>	<u>Role</u>	<u>Location</u>
Gregg Drilling, LLC	Tim Boyd	Drilling and/or CPT	950 Howe Road, Martinez, CA 94553
Pitcher Services, LLC	Terry Shewchuk	Drilling	218 Demeter Street, E. Palo Alto, CA 94303
Taber Drilling	Brian Young	Drilling and/or CPT	536 Galveston St., West Sac. CA 95691
ConeTec	Clayton Bartholemew	CPT	820 Aladdin Avenue San Leandro, CA 94577
Cascade Drilling/ Technical Services	Chris Tatum	Drilling	3459 Collins Ave, Richmond, CA 94806
Belshire Environmental Services, Inc.	Evelyn Rivera	Environmental Services	25971 Towne Centre Drive Foothill Ranch, CA 92610
Eurofins Environmental Testing America	Chanell Slaughter	Environmental Testing	880 Riverside Parkway West Sacramento, CA 95605
Ground Penetrating Radar Systems	Alexa Turner	Geotechnical Services	5217 Monroe St., Suite A, Toledo, OH 43623

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Time-Only Extension Amendments

Line No.	Agreement No.	Amendment No.	Consultant	Service	CIP Project Title; Project No	Current Expiration Date	Amended Expiration Date	Justification	Deputy's Initials
1	A3932A	7	Harris and Associates, Inc.	Construction Management Services	Permanente Creek, San Francisco Bay to Foothill Expressway; No. 26244001	12/31/2023	7/31/2024 (7-month extension)	The time extension is needed to continue receiving Construction Management Services for the Permanente Creek Flood Protection Project - Rancho San Antonio to allow for Consultant to complete the Cultural Monitoring and Data Recovery Report.	BY
2	A4170G	5	Andrew A. Galvan	Native American Consulting Services	Permanente Creek, San Francisco Bay to Foothill Expressway; No. 26244001	12/31/2023	7/31/2024 (7-month extension)	The time extension is needed to continue receiving Native American Consulting Support Services from Most Likely Descendant, Andrew Galvan, for the Permanente Creek Flood Protection Project - Rancho San Antonio. This Agreement needs to be active to allow for Consultant to complete the Cultural Monitoring and Data Recovery Report.	BY
3	A3936A	5	Associated Right of Way, Inc.	Real Estate Consultant Services 2014	On-Call, Multiple	12/31/2023	6/30/2024 (6-month extension)	The time extension is required in order to allow the Consultant to continue providing real estate-related services required for various Valley Water projects as well as forthcoming appraisals for the Coyote Creek Flood Protection Project. The extension will facilitate continuity for vital real estate transactions until a new real estate services agreement, currently under negotiation, is approved by the Board.	BY
4	A3901G	5	HDR Engineering Inc.	Project Management Services	Palo Alto Purified Water Project; No. 91304001	12/31/2023	3/31/24 (3-month extension)	Due to the complexity of this large Project, the need for specialized expertise to address significant risks, additional program management resources and P3 expertise, the extension of the Agreement would allow sufficient time for the Consultant to complete the remaining tasks. Consultant will continue to focus on completing ongoing tasks and will provide support to staff, as needed.	KS
5	A4475A	3	Kleinfelder Inc.	Conveyance Alignment Geotechnical Baseline Report	Palo Alto Purified Water Project; No. 91304001	12/31/2023	3/31/24 (3-month extension)	Due to permitting delays and drilling contractor availability, it will take more time than originally planned to complete the investigation and provide a final report.	KS

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Santa Clara Valley Water District

File No.: 24-0010

Agenda Date: 1/22/2024

Item No.: 4.5.

COMMITTEE AGENDA MEMORANDUM **Capital Improvement Program Committee**

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

SUBJECT:

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

RECOMMENDATION:

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

SUMMARY:

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

The draft Work Plan contained in Attachment 1 is presented for the Committee's review to determine topics for discussion in 2024.

Regular monthly meetings are scheduled to occur at 11:00 a.m., on the third Monday of each month or at the call of the Committee Chair. A calendar of proposed meeting dates contained in Attachment 2 is presented for the Committee's review and to confirm the meeting schedule for 2024. Some

meeting dates have been adjusted in accordance with Valley Water's holiday schedule, pending Committee approval.

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

ENVIRONMENTAL JUSTICE IMPACT:

There are no Environmental Justice impacts associated with this item.

ATTACHMENTS:

Attachment 1: 2024 CIP Committee Work Plan

Attachment 2: Proposed 2024 CIP Committee Meeting Dates

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>
Capital Project Monitoring												
Feasibility/Planning	X			X			X			X		
Design/Permitting		X			X			X			X	
Construction	X		X			X			X			X
Projects in Mitigation/Plant Establishment						X						
CIP Implementation												
Contractor Vetting Process		X										
Headquarters Operations Building Planning		X										
Construction Activities Carbon Footprint					X							
Master Plan/Implementation Projects				X	X			X				
Almaden Valley Pipeline Replacement												
CIP Development												
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
Standing Items												
Anderson Dam Tunnel Project Contingency and Change Order Monitoring	X	X	X	X	X	X	X	X	X	X	X	X
Upcoming Consultant Agreement Amendments	X	X	X	X	X	X	X	X	X	X	X	X
Workplan	X	X	X	X	X	X	X	X	X	X	X	X
Minutes	X	X	X	X	X	X	X	X	X	X	X	X
Annual Election of Committee Officer	X											

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PROPOSED CIP COMMITTEE 2024 MEETING CALENDAR

JANUARY						
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OCTOBER						
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NOVEMBER						
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DECEMBER						
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 = REGULAR MEETING

 = RESCHEDULED MEETING DUE TO HOLIDAY

 = HOLIDAY

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