

September 19, 2022

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

Members of the Capital Improvement Program Committee:

Director Nai Hsueh, Chairperson
Director Linda LeZotte, Vice Chairperson
Director Tony Estremera, Committee Member

Staff Support of the Capital Improvement Program Committee:

Rick L. Callender, Esq., Chief Executive Officer
Melanie Richardson, Asst. Chief Officer – Integrated Water Management
Leslie Orta, Senior Assistant District Counsel
Audrey Beaman, Assistant District Counsel
Rachael Gibson, Chief of External Affairs
Tina Yoke, Chief Administrative Officer
Darin Taylor, Chief Financial Officer
Aaron Baker, Chief Operating Officer – Water Utility
Rechelle Blank, Chief Operating Officer – Watersheds
Sam Bogale, Deputy Operating Officer
Don Rocha, Deputy Administrative Officer
Michael Cook, Deputy Administrative Officer
Patricia McElroy, Deputy Administrative Officer
Christopher Hakes, Deputy Operating Officer
Bhavani Yerrapotu, Deputy Operating Officer
John Bourgeois, Deputy Operating Officer
Jennifer Codianne, Deputy Operating Officer
Emmanuel Aryee, Deputy Operating Officer
Vincent Gin, Deputy Operating Officer
Gregory Williams, Deputy Operating Officer
Tony Ndah, Deputy Administrative Officer, General Services
Lisa Bankosh, Assistant Officer
Bryant Welch, Labor Relations Officer
Erin Baker, Asset Management Manager
Charlene Sun, Treasure & Debt Manager
Jessica Collins, Business Planning and Analysis Unit Manager
Conception Gayotin, Purchasing & Contracts Manager
Linh Hoang, Communications Manager
Jill Bernhard, Acting System Development & Support Manager
David Montenegro, Principal Construction Contracts Administrator
Jennifer Martin, Program Administrator
Sarah Berning, Program Administrator
Alison Phagan, Senior Management Analyst

A Santa Clara Valley Water District special Capital Improvement Program Committee meeting has been scheduled to occur at **11:00 a.m. on Monday, September 26, 2022.**

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

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



Santa Clara Valley Water District Capital Improvement Program Committee Meeting

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

Headquarters Building Boardroom
5700 Almaden Expressway
San Jose, CA 95118

SPECIAL MEETING AGENDA

**Monday, September 26, 2022
11:00 AM**

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

BOARD COMMITTEE MEMBERS:

Committee Chair:
Director Nai Hsueh, District 5

Committee Vice Chair:
Director Tony Estremera, District 6

Director Linda J. LeZotte, District 4

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

COMMITTEE LIAISON:
Jessica Collins

COMMITTEE CLERK:
Eva Marie Sans
Assistant Deputy Clerk II
408-265-2306
esans@valleywater.org
www.valleywater.org

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

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

Monday, September 26, 2022

11:00 AM

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

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

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

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

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

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

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

This agenda has been prepared as required by the applicable laws of the State of California, including but not limited to, Government Code Sections 54950 et. seq. and has not been prepared with a view to informing an investment decision in any of Valley Water’s bonds, notes or other obligations. Any projections, plans or other forward-looking statements included in the information in this agenda are subject to a variety of uncertainties that could cause any actual plans or results to differ materially from any such statement. The information herein is not intended to be used by investors or potential

investors in considering the purchase or sale of Valley Water's bonds, notes or other obligations and investors and potential investors should rely only on information filed by Valley Water on the Municipal Securities Rulemaking Board's Electronic Municipal Market Access System for municipal securities disclosures and Valley Water's Investor Relations website, maintained on the World Wide Web at <https://emma.msrb.org/> and <https://www.valleywater.org/how-we-operate/financebudget/investor-relations>, respectively.

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

Join Zoom Meeting:

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

Meeting ID: 941 580 13374

Join by Phone:

1 (669) 900-9128, 94158013374#

1. CALL TO ORDER:

1.1. Roll Call.

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

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

3. APPROVAL OF MINUTES:

3.1. Approval of September 1, 2022 Capital Improvement Program Committee Minutes.

[22-1099](#)

Recommendation: Approve the minutes.

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

Attachments: [Attachment 1: 090122 CIP Minutes](#)

4. ACTION ITEMS:

- 4.1. Review Capital Project Monitoring - Construction Report. [22-1001](#)
- Recommendation: Receive and discuss information regarding the status of capital projects in the construction phase.
- Manager: Bhavani Yerrapotu, 408-630-2735
Emmanuel Aryee, 408-630-3074
Christopher Hakes, 408-630-3796
Mike Cook, 408-630-2424
- Attachments: [Attachment 1: Capital Project Monitoring - Construction](#)
- Est. Staff Time: 15 Minutes
- 4.2. Receive Information on Change Orders to Anderson Dam Tunnel Project Construction Contract. [22-1051](#)
- Recommendation: Receive Information on Change Orders to Anderson Dam Tunnel Project Construction Contract.
- Manager: Christopher Hakes, 408-630-3796
- Attachments: [Attachment 1: Construction Contract Change Orders Status](#)
[Attachment 2: Milestone Schedule](#)
- Est. Staff Time: 10 Minutes
- 4.3. Receive an Overview of the Capital Project Management and Project Controls Program. [22-1003](#)
- Recommendation: Receive an Overview of the Capital Project Management and Project Controls Program.
- Manager: Melanie Richardson, 408-630-2035
- Attachments: [Attachment 1: Integrations Chart](#)
[Attachment 2: PowerPoint](#)
- Est. Staff Time: 15 Minutes
- 4.4. Management and Monitoring of Capital Project Environmental Mitigation. [22-1004](#)
- Recommendation: Receive Information on Management and Monitoring of Capital Project Environmental Mitigation.
- Manager: John Bourgeois, 408-630-2990
- Attachments: [Attachment 1: Mitigation Monitoring Table](#)
[Attachment 2: GIS Example](#)
- Est. Staff Time: 10 Minutes

- 4.5. Review 2022 Capital Improvement Program Committee Work Plan.

[22-1002](#)

Recommendation: Review the 2022 Capital Improvement Program Committee Work Plan and make adjustments as necessary.

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

Attachments: [Attachment 1: 2022 CIP Committee Work Plan](#)

Est. Staff Time: 5 Minutes

5. CLERK REVIEW AND CLARIFICATION OF COMMITTEE REQUESTS.

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

6. ADJOURN:

- 6.1. Adjourn to Regular Meeting at 11:00 a.m. on October 17, 2022.



Santa Clara Valley Water District

File No.: 22-1099

Agenda Date: 9/26/2022

Item No.: 3.1.

COMMITTEE AGENDA MEMORANDUM

Capital Improvement Program Committee

SUBJECT:

Approval of September 1, 2022 Capital Improvement Program Committee Minutes.

RECOMMENDATION:

Approve the minutes.

SUMMARY:

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

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

ATTACHMENTS:

Attachment 1: 090122 CIP Committee Minutes

UNCLASSIFIED MANAGER:

Candice Kwok-Smith, 408-630-3193

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CAPITAL IMPROVEMENT PROGRAM MEETING

MINUTES

MONDAY, SEPTEMBER 1, 2022
11:00 AM

(Paragraph numbers coincide with agenda item numbers)

1. CALL TO ORDER:

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

1.1 Roll Call.

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

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

Staff members in attendance were R. Callender, Chief Executive Officer, C. Orellana, District Counsel, G. Adriano, E. Aryee, S. Baqleh, A. Baker, E. Baker, A. Beaman, S. Berning, M. Bilski, W. Blackard, R. Blank, S. Bogale, J. Bourgeois, F. Chak, R. Chan, T. Chinte, J. Codianne, J. Collins, S. Ferranti, A. Fraumeni, A. Gordon, A. Gschwind, C. Hakes, H. Hoang, L. Hoang, C. Kwok-Smith, C. Loventhal, J. Martin, D. Montenegro, C. Narayanan, M. Nguyen, L. Orta, L. Penilla, A. Phagan, M. Potter, M. Richardson, D. Rocha, C. Sun, D. Taylor, B. Welch, Z. White, G. Williams, B. Yerrapotu, and T. Yoke.

Guest in attendance: D. Wong, of unknown affiliation.

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

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

Chairperson Hsueh confirmed that Item 4.3 would be considered after Item 4.4.

3. APPROVAL OF MINUTES:

3.1 Approval of Minutes.

Recommendation: Approve the minutes of the July 18, 2022 meeting.

Motion: Approve the minutes of the July 18, 2022 meeting.

09/01/22

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Attachment 1
Page 1 of 4

Move to Approve: Director Estremera
Second: Chairperson Hsueh

Chairperson Hsueh requested that the July 18, 2022 minutes be amended as follows:

On Page 11 of Item 3.1, the last paragraph, be revised as follows: *It was moved by Director Estremera, seconded by Director LeZotte, and unanimously carried by roll call vote, to approve the Minutes of June 13, 2022, as presented as amended;* and

On Page 15 of Item 4.6, the last bullet item, be revised as follows: *An item in November on long term financial analysis to update Future Funding for Dam Safety Program.*

Motion: Approve the minutes of the July 18, 2022, as amended.
Move to Approve: Director Estremera
Second: Chairperson Hsueh

4. ACTION ITEMS:

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.

Chris Hakes, Deputy Operating Officer, reviewed the information on this item per the attached Committee Agenda Memo, and the corresponding material contained in Attachment 1 were reviewed.

Director LeZotte arrived.

The Committee reviewed capital projects in the design and permitting phase and requested that staff ensure internal project coordination with every unit or staff that should be informed or aware of project cost increases.

The Committee received the information without taking formal action.

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 Cost.

Chris Hakes announced that there was no change order to report for this item.

The Committee noted the information without taking formal action.

Chairperson Hsueh moved the agenda to Item 4.4.

4.4 Impacts of a Potential Recession and Recent High Inflation Trends on Valley Water's Finances.

09/01/22

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**Attachment 1
Page 2 of 4**

- Recommendation: A. Receive information on impacts of a potential recession as well as recent high inflation trends on Valley Water's finances; and
- B. Discuss recommendations for the full Board's consideration.

Darin Taylor, Chief Financial Officer, reviewed the information on this item, per the attached Committee agenda memo, and the corresponding material contained in Attachment 1 were reviewed, as follows.

The Committee noted the following without taking formal action.

- At the November CIP meeting, staff will present significant project increases across for Funds 61, 12, and 26;
- At the December CIP meeting, staff will use the feedback from November 14 and discuss the use of funding filters through a matrix on several alternatives;
- At the January Board meeting, staff will present scenarios together with water rate setting process and prelim CIP;
- On Slide 15, Attachment 1, staff will move Funding Filter No. 6 on "Environmental Justice" to a sub-section under Funding Filter No. 4 on "Multi-Benefit;" and
- Outreach staff would communicate through community meetings (separate from regular Board meetings) that Valley Water is potentially facing delays or changes on projects due to anticipated recession and high inflation.

Chairperson Hsueh returned the agenda to Item 4.3.

4.3 Status Update on the Implementation of Recommendations from the 2015 Consultant Contracts Management Process Audit Conducted by Navigant Consulting, Inc. (Navigant).

- Recommendation: Receive an update on the implementation of the recommendations made by Navigant in the 2015 Consultant Contracts Management Process Audit and the Consultant Contracts Improvement Process.

Tina Yoke, Chief Operating Officer, reviewed the information on this item per the attached Committee agenda memo and the corresponding presentation material contained in Attachment 1.

The Committee noted the information, without taking a formal action.

Chairperson Hsueh moved the agenda to Item 4.5.

4.5 Review 2022 Capital Improvement Program Committee Work Plan.

- Recommendation: Review the 2022 Capital Improvement Program Committee Work Plan and make adjustments as necessary.

Chairperson Hsueh summarized the rest of the year schedule changes and a noted a change on the work plan for the September meeting.

- The next meeting would be rescheduled to a date in the vicinity of September 19;
- The November meeting would be moved to November 14;
- The December meeting would be moved to December 12; and
- The Coyote Pumping Plant ASD Replacement item currently scheduled for the September meeting would be moved to October.

5. ADJOURN:

5.1 Adjourn to Regular Meeting at 11:00 a.m., on September 19, 2022.

Chairperson Hsueh adjourned the meeting at 12:30 p.m. to a to-be-rescheduled meeting in September.

Eva Sans
Assistant Deputy Clerk II

Approved:

Date:



Santa Clara Valley Water District

File No.: 22-1001

Agenda Date: 9/26/2022

Item No.: 4.1.

COMMITTEE AGENDA MEMORANDUM

Capital Improvement Program Committee

SUBJECT:

Review Capital Project Monitoring - Construction Report.

RECOMMENDATION:

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

SUMMARY:

The 2022 Work Plan for the Board Capital Improvement Program Committee (Committee) includes monitoring of capital projects during all phases of development. Staff will present a list of active projects at each Committee meeting and provide detailed information on those where potential and/or significant issues have been identified. The projects presented for discussion will be organized by phases: planning/feasibility; design; and construction. Staff will present projects to the Committee for review one phase at a time. Projects currently in the 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 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.

ATTACHMENTS:

Attachment 1: Capital Project Monitoring - Construction

UNCLASSIFIED MANAGER:

Bhavani Yerrapotu, 408-630-2735

Emmanuel Aryee, 408-630-3074

Christopher Hakes, 408-630-3796

Mike Cook, 408-630-2424

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Capital Project Monitoring Report - September 2022

Construction Phase

Row	Project No.	Project Name	Notes, Upcoming Board Actions or potential issues	In house	External	Combination
<u>Water Supply</u>						
1	91864005	C1: Anderson Dam Seismic Retrofit Project	Installation of the soil nail wall for the Diversion Tunnel Portal Excavation is complete – 244 soil nails were installed in Row A through Row F and shotcrete subsequently applied. Monitoring and dewatering wells were installed for excavation of the Diversion Outlet Structure, which is currently being excavated. Excavation began for the Diversion Tunnel Portal including installation of initial steel sets and a flash coat of shotcrete. The contractor has removed trees in preparation of work for the north channel and began work on installation of a temporary dike. Grading began for High Level Outlet Work (HLOW) shaft work along with placement of a concrete shaft collar in preparation of shaft excavation.			X
2	91864010	Cross Valley Pipeline Extension Project	The contractor has installed approximately 6,500 feet of the total the 7,100 feet of pipeline and is working on installation of the vaults. Construction of the outfall began and is scheduled to be completed by the end of September 2022. Construction completion has been delayed to November 2022 due to supply chain disruptions related to pre-procured equipment (flowmeter).	X		
3	91214010	Small Capital Improvements, San Felipe, Reach 1: Pacheco Pumping Plant Electrical Current Limiting Fuse & Hydraulic Valve Operating System (HVOS) Upgrades	Construction contract was awarded by the Board of Directors on April 26, 2022. The Notice to Proceed was issued on May 19, 2022 and the first chargeable day was May 31, 2022. Staff has been reviewing immediate submittals and coordinating with the Contractor on various pre-shutdown coordination work. Construction completion is anticipated for the spring of 2023.	X		
4	91214010	Pacheco Pumping Plant Priority 1 Fire Alarm & Suppression System Improvement	Construction contract was awarded by the Board on September 8, 2020. The Notice to Proceed was issued on October 1, 2020. Construction was completed in March 2022 and the Notice of Completion and Acceptance of work was approved by the Board on July 12, 2022.	X		
5	95084002	10-Year Pipeline Inspection and Rehabilitation Project (Central and Parallel East Pipelines)	Construction contract was awarded in October 2020. All work for Parallel East Pipeline has been completed. Central Pipeline is back in service and the only remaining work is to install one turnout valve which will completed in September 2022.	X		
6	95084002	10-Year Pipeline Inspection and Rehabilitation Project (Santa Clara Conduit)	Construction contract was awarded in June 2022. Notice to Proceed was issued to the Contractor on July 18, 2022 and the first chargeable day was July 28, 2022. Staff has been reviewing submittals and coordinating with the contractor on various pre-shutdown coordination work.	X		
7	95084002	10-Year Pipeline Inspection and Rehabilitation Project (Almaden Valley Pipeline)	Construction contract was awarded in July 2022. Notice to Proceed was issued to the contractor on July 27, 2022 and the first chargeable day was August 8, 2022. Staff has been reviewing immediate submittals and coordinating with the Contractor on various pre-shutdown coordination work.	X		
8	93294058	Rinconada WTP Residuals Remediation Project	Construction contract was awarded by the Board of Directors on July 13, 2021. Construction is continuing and the Sludge Storage Tanks and the Centrate Wet Well and the installation of new electrical equipment (Motor Control Centers) have been completed. The Centrifuge Building B improvements, the Sludge Transfer and the Centrifuge Feed Pump Stations are in progress. Construction completion is anticipated for summer of 2023.	X		
9	93764004	Penitencia WTP Flocculation/Sedimentation Basin Rehabilitation Project	Construction contract was awarded on March 23, 2021. Replacement of the flocculation and sedimentation equipment in Basins #1, #2 and #3 was completed in June 2022. During the commissioning of the basins, some deficiencies were found with the installed equipment (gear and stuffing boxes). Staff and the contractor are currently working on replacements.	X		
10	93284013	Santa Teresa Water Treatment Plant Filter Media Replacement	Construction contract was awarded by the Board of Directors on April 26, 2022. The Notice to Proceed was issued on May 5, 2022, and the first chargeable day was June 6, 2022. Construction completion is anticipated for the spring of 2024.	X		

Capital Project Monitoring Report - September 2022

Construction Phase

Row	Project No.	Project Name	Notes, Upcoming Board Actions or potential issues	In house	External	Combination
11	91094009	South County Recycled Water Pipeline Project	Construction activities are continuing with the completion of high-density polyethylene (HDPE) pipeline installation. Steel pipeline installation is also continuing. The trenchless (microtunneling) crossing under Uvas Creek has started.	X		
Flood Protection						
12	10244001	Permanente Creek, SF Bay to Foothill Expressway	Floodwall Retrofit design for the segment downstream of Hwy 101 is complete. Staff began the advertisement period for construction in August 2022 and will be going to the Board of Directors to award on October 25, 2022. The project is anticipated to have a four month construction duration.	X		
13	26244001	Other 2012 SCW: Permanente Creek, SF Bay to Foothill Expressway	Construction of channel work was completed in January 2019; construction at McKelvey Park was completed in June 2020; construction of Rancho San Antonio Park Flood Detention Basin was completed in June 2021 and the three-year plant establishment phase is underway. The Board accepted construction on January 25, 2022. Staff submitted a FEMA Letter of Map Revision (LOMR) package on April 15, 2022.			X
14	26154002	E8: Upper Guadalupe River Reach 6	In Monitoring. This is a gravel augmentation project to improve fish habitat in Reach 6. Construction was completed in November 2021. The Board of Directors accepted the work as complete on January 11, 2022; the gravel movement will be monitored for a period of five years.	X		
15	40174005	Other 2012 SCW: Berryessa Creek, Lower Penitencia Creek to Calaveras Blvd, Phase 2	Flood protection improvements and mitigation planting for the Lower Berryessa Creek Phase 2 project were completed and the Board accepted the civil work as complete on July 28, 2020; the planting maintenance and establishment phase will be completed by January 2023. Construction for the Lower Calera Creek Project started in June 2021 and is currently underway. The floodwall work will be completed by October 2022. All civil work will be completed by January 2023.	Lower Calera Creek	X	
16	40334005	Lower Penitencia Creek Improvements, Berryessa to Coyote Creeks	Construction contract for Lower Penitencia Creek Project began in July 2021. Pandemic-related material and labor shortages caused a temporary delay in sheet pile installation and coating of sheet piles but work has picked back up. The construction of Floodwalls No. 1 (between McCarthy Blvd. and I-880) and No. 4 (west side between California Circle and Milmont Dr.) has been completed. Construction of storm drain outfall modifications and remaining floodwalls are either underway or starting in September 2022. Construction is anticipated to be completed by December 2022, followed by a three-year plant establishment and maintenance period.	X		
17	26174051 26174052	E6: Upper Llagas Creek Flood Protection Project, Phase I and Phase 2A	Phase 1 construction was completed and accepted by the Board of Directors on May 24, 2022. This precedes a three-year plant establishment phase, which is currently underway and will be completed in March 2025. Construction contract for Phase 2A was awarded summer 2021 and is currently in progress. Significant utility relocations have been completed as part of the construction to date as well as the completion of the underground twin reinforced concrete box culverts along Ciolino Avenue. Approximately 1600 feet of the 2100 foot underground by-pass tunnel has been excavated to date where completion of the tunnel excavation is anticipated by the end of this calendar year. Phase 2A contract completion date is May 2024, but the project is currently several months ahead of schedule.	Phase 1	Phase 2A	

Capital Project Monitoring Report - September 2022

Construction Phase

Row	Project No.	Project Name	Notes, Upcoming Board Actions or potential issues	In house	External	Combination
18	00044026	San Francisco Bay Shoreline, EIA 11 - Alviso Slough to Coyote Creek Bypass (E7: 26444001, 26444002, 26444004)	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 (USFWS) Don Edwards Environmental Education Center. The United States Army Corps of Engineers (USACE) awarded the construction contract in August 2021 to Maloney-Odin Joint Venture. Construction began on December 6, 2021 and is anticipated to be completed by January 2024.	N/A	USACE construction	
19	62084001	Watershed Asset Rehabilitation Program	The Board of Directors awarded the construction contract for the Calabazas Creek Rehabilitation Project to Granite Construction on May 24, 2022. This project consists of repair for 10 erosion sites between Miller Ave. and Bollinger Road. Construction will take place over two seasons and end in November 2023.	X		
<u>Water Resources Stewardship</u>						
20	26164001	D6: Restoration of Natural Creek Functions: Hale Creek Enhancement Pilot Project	Construction contract for Hale Creek was awarded to McGuire & Hester on May 10, 2022. Construction is anticipated to begin June 1, 2022 and is anticipated to be completed by the end of 2022. In-channel construction is expected to be completed by October 15, 2022 and top-of-bank improvements complete by December 30, 2022 followed by a three-year plant establishment period.			X
21	26044004	D6.2: Bolsa Road Fish Passage Improvements	The Board of Directors approved an agreement with Cal Engineering & Geology, Inc. for construction management services in March 2022. Board of Directors awarded project construction to Teichert Inc. on July 12, 2022. Notice to Proceed for construction was issued on July 26, 2022.		X	
22	26044002	D4.3: SCW Fish Passage Improvements	In Monitoring. Construction is complete and has transitioned to the monitoring phase for annual performance inspections.			
<u>Buildings & IT</u>						
23	73274009	Data Consolidation	The Lands Management Program is currently live on the Hyland OnBase tool and team has kicked off for the next major implementation in HR. Project team is currently in the process of scoping implementation for the Community Projects Review Unit in alignment with recommendations from their process improvement consultant, ReEngine, and audit findings.	N/A	N/A	N/A
24	73274001	Information Technology Disaster Recovery	Valley Water, in partnership with Ankura Consulting Group LLC, finalized a comprehensive IT Disaster Recovery strategy for both the Business and Operational (SCADA) infrastructures in alignment with project goals. This strategy includes several projects, including resiliency and security changes to existing data centers, leveraging a cloud services provider as a backup data center, and modernizing off-site back up strategy using removable drives. These projects are likely to require a two-to-three year timeline for implementation. IT Disaster Recovery is currently in the procurement process for all three areas of concentration.	N/A	N/A	N/A
25	73274002	ERP System Implementation	System is currently live with all modules currently live. Finance modules have been in production since January with all other modules implemented by April. Project team continues to work on punchlist items with vendor as well as kicking off the development of enhancements and optimizations based on feedback from staff.	N/A	N/A	N/A
26	73274012	Telephone System Voice Over IP	System is currently live for all staff/all locations. Team is currently implementing related post go-live tasks, such as configuring building/facility paging systems. Project is scheduled to close this summer.	N/A	N/A	N/A

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Santa Clara Valley Water District

File No.: 22-1051

Agenda Date: 9/26/2022

Item No.: 4.2.

COMMITTEE AGENDA MEMORANDUM

Capital Improvement Program Committee

SUBJECT:

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

RECOMMENDATION:

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

SUMMARY:

During the May 17, 2021, Capital Improvement Program (CIP) Committee meeting, staff provided an update on the Anderson Dam Tunnel Project No. 91864005. The Committee requested staff provide monthly change order status updates after construction of the ADTP commences on July 7, 2021.

Project Background

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

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

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

Delegated Approval Authority

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

Construction Contract Change Orders Status

There are two pending contract change orders (CCO #7 and #8), related to work listed below, which were analyzed and reviewed by staff.

Contract Change Order #7

Milestone 7, 9 and 10 Completion Revisions. Article 12.03.D Milestone Completion of the Contract Documents will be revised to include nine additional workdays due to inclement weather days in 2021 and negotiated Time Impact Analysis (TIA) 01. TIA 01 was analyzed for delayed issuance of Notice to Proceed (NTP) for NTP's 2A, 2B, and 3 and also concurrent delays by Flatiron on their excavation work plan submittal which also impacted the critical path of the construction schedule. See the attached Milestone Schedule (Attachment 2) for the Project milestone revision summary. These changes are at no additional cost as they are a result of a non-compensable time extension.

Contract Change Order #8

- 1. Disposal Area Parking Lot Remediation.** Valley Water requested Flatiron to assist with unforeseen repairs to the parking lot surface at the Disposal Site. This work includes the costs for saw cutting, excavation and backfilling with compacted materials and is valued at \$9,108.50.
- 2. DOS Foundation Excavation - Revised Soil Nail Wall.** Valley Water issued Contract Design Clarification (CDC) 18 with revised plans for installation of additional soil nails on the 0.5:1 slope at the Diversion Outlet Structure to address safety concerns related to the excavation sequence of the slope. This work includes the costs for installation of additional rows of soil nails, changes to sequence of work for excavation and placement of shotcrete lifts over welded wire mesh. In order to keep the work progressing, Valley Water authorized Flatiron to proceed with the revised soil nail wall per Section 3.07.03 Time-and Materials Work with a not-to-exceed amount of \$1,000,000.00.
- 3. Additional Environmental Compliance for Water Quality Monitoring and Soil Testing.** Valley Water issued CDC 005 to Flatiron which included environmental compliance permits obtained by Valley Water with additional requirements for water quality monitoring and soil testing. This work includes costs for approximately 15 months of soil testing, water quality monitoring, and purchase of handheld monitoring equipment. This portion of change order work is to be completed under Section 3.07.03 Time and Materials Work with a not-to exceed amount of \$517,616.34.

The net value of these two contract change orders (CCO #7 and #8) is \$1,526,724.84.

ATTACHMENTS:

Attachment 1: Construction Contract Change Orders Status

Attachment 2: Milestone Schedule

UNCLASSIFIED MANAGER:

Christopher Hakes, 408-630-3796

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

CO #	CIP Committee Date	Approval Date	Description	Amount	Contingency Amount	Approval Level	Status
N/A		04/27/21	Original Contract	\$ 161,140,321.00	\$ 40,000,000.00	Board	
1	01/18/22	12/16/21	Additional Tree Removal, Protection and Relocation	\$ 460,250.41	\$ 39,539,749.59	DOO	Approved
2	02/14/22	04/26/22	Outlet Works Vertical Shaft Re-sizing	\$ 3,783,119.15	\$ 35,756,630.44	CEO	Approved
3	05/16/22	05/17/22	Water Quality Monitoring Equipment, Miscellaneous demolition, TCEAP VHF/UHF Radios	\$ 131,603.28	\$ 35,625,027.16	AOO	Approved
4	06/13/22	06/30/22	Tunnel and Miscellaneous Items from CDC-001/001.1, Remove Taber Drilling from Scope	\$ 386,801.98	\$ 35,238,225.18	DOO	Approved
5	06/13/22	06/30/22	Upsizing Soil Nail Rows D&E from #18 to #20	\$ 228,562.00	\$ 35,009,663.18	DOO	Approved
6	07/18/22	08/06/22	Increased Quantity of Diversion Portal Excavation, Assistance with Geological Investigations, Internet access to Trailer # 2, and Change of Infill material for High Level Outlet Works (HLOW) Shaft	\$ 63,063.32	\$ 34,946,599.86	UM	Approved
6			Total	\$ 5,053,400.14	\$ 34,946,599.86		

Pending CO #	CIP Committee Date	Approval Date	Description	Amount	Contingency Amount	Approval Level	Status
7	09/19/22		Milestone 7, 9, and 10 Completion Revisions	\$0	\$ 34,946,599.86	UM	Pending
8	09/19/22		Disposal Area Parking Lot Remediation, DOS Foundation Excavation - Revised Soil Nail Wall, and Additional Environmental Compliance for Water Quality Monitoring	\$1,526,724.84	\$ 33,419,875.02	ACEO	Pending
2			Total	\$1,526,724.84	\$ 33,419,875.02		

Total Number of COs (Approved & Pending)	Total Amount of COs (Approved & Pending)
8	\$ 6,580,124.98

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Anderson Dam Tunnel Project Milestone Schedule				
Milestones	Original Milestone Duration (Days)	Original Completion Date	Revised Milestone Duration (TIA#1 and 2021 Inclement Weather)	Revised Milestone Completion Date
Milestone 1: Acquisition of Contractor Obtained Permits	60	8/27/2021	No change	8/27/2021
Milestone 2: Not Used (per specifications)				
Milestone 3: Completion of 3" diameter waterline at frontage of 2290A Cochrane Road adjacent to Coyote Creek	150	11/25/2021	No change	11/25/2021
Milestone 4: Not Used (per specifications)				
Milestone 5: Not Used (per specifications)				
Milestone 6: Not Used (per specifications)				
Milestone 7: Complete excavation of 18.5' tunnel, 24' tunnel and 8' MTBM lake tap	840	10/16/2023	914	12/29/2023
Milestone 8: Not Used (per specifications)				
Milestone 9: Completion of the diversion system including all testing	945	1/29/2024	1024	4/17/2024
Construction Completion Date	980	3/4/2024	1052	5/15/2024
Milestone 10: Complete Project, including two-year landscape establishment period	1710	3/4/2026	1781	5/14/2026
Contract Completion Date	1710	3/4/2026	1781	5/14/2026

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Santa Clara Valley Water District

File No.: 22-1003

Agenda Date: 9/26/2022

Item No.: 4.3.

COMMITTEE AGENDA MEMORANDUM

Capital Improvement Program Committee

SUBJECT:

Receive an Overview of the Capital Project Management and Project Controls Program.

RECOMMENDATION:

Receive an overview of the Capital Project Management and Project Controls Program.

SUMMARY:

The Capital Project Management and Project Controls (CPMPC) Program was established in October 2021 to provide consistent and continual support for projects in the Capital Improvement Program (CIP) and in response to the Contract Change Order Audit recommendation to create a Resource Services Office, which Valley Water management called a Project Controls Office.

Valley Water's CIP prepares a 5-Year Plan annually on a rolling basis, which is a financial plan for implementation of capital projects that deliver Valley Water's mission to the community. The CIP's Five-Year Plan documents the scope, schedule and cost of our capital projects and the public outreach for the Plan serves to integrate the agency's work with the larger community by aligning Valley Water planning with other local agency planning efforts. The current Fiscal Year 2023-27 CIP 5-Year Plan includes 64 projects totaling \$8.26 billion.

The four main ways that the CPMPC Program supports the CIP is through:

1. Implementation and maintenance of capital project management information system (PMIS);
2. CIP Committee support;
3. Capital quality environmental management system (QEMS) document control and training;
and
4. Identifying and assisting with the implementation of management-established process improvements.

PMIS Implementation and Maintenance

CPMPC Program staff is currently overseeing the implementation of a PMIS for capital projects. After a 12-month request for proposal (RFP) procurement process and a thorough evaluation of 10 vendor

proposals, the Selection Committee, comprised of staff from the Construction Services Unit, Dam Safety & Capital Project Delivery, Water Utility Treatment Plants Project Delivery, Information Technology, Capital Improvement Program, and the Office of Integrated Water Management Business Analysis and Support, selected Systemates, Inc. Valley Water's Board of Directors enacted the Software-as-a-Service and Implementation Services Agreement A4556A on October 26, 2021 to Systemates, Inc. for the implementation of their system, Projectmates.

The successful implementation of Projectmates, Valley Water's first capital PMIS for capital projects, is intended to streamline processes, consolidate project documentation, act as a construction management system and as an interface between Valley Water consultants and contractors. Furthermore, it will assist project managers with budgeting and reporting tools. CPMPC staff has worked with more than 60 subject matter experts across 24 Valley Water business areas in order to ensure that the data integration, workflows, and configurations incorporate essential information and processes as completely and seamlessly as possible.

Implementation is taking place over a 12-month timeframe, with go-live scheduled for the fall of 2022. Integrations with Okta Single Sign-On are complete; integrations with ArcGIS and Vena are 90% complete; and integrations with Valley Water's Enterprise Resource Planning system, Infor, are mid-way through. See Attachment 1 for further details.

CIP Committee Support

The CIP Committee meets monthly to review agenda items related to capital project monitoring and CIP implementation and development, as scheduled per the CIP Committee Workplan. The CPMPC Program team coordinates with the Clerk of the Board Office, capital project staff, and Deputies to collect and compile agenda items for each meeting. These agenda items include: project status updates by phase, amendments to capital consultant agreements, CIP planning process and review, updates to the CIP Workplan, any relevant capital project or program reports, and change order status reports for Anderson Dam Tunnel Project and other large-scale/high-risk projects.

Capital QEMS Document Control and Training

The Capital Project Management and Project Controls Program ensures capital QEMS documents are kept up-to-date and relevant and also ensures that changes are communicated to staff and that regular training is provided. As part of this objective, CPMPC staff has received auditor training based on current ISO 9001 and other industry standards.

CPMPC Program staff provides the following support for the maintenance of capital QEMS documents: identifying areas for improvement and coordinating with internal stakeholders to improve processes between the business areas of Capital, Operations and Maintenance, Environmental and Asset Management; making suggestions to improve language, orthography, punctuation, consistency of Capital QEMS documents; coordinating with capital process owners and the Continual Improvement Program to publish updated Capital QEMS documents; and organizing biennial Capital QEMS training for capital staff.

Identifying and Implementing Process Improvements

The CPMPC Program was created as a result of management's response to two audit reports from 2019 focusing on areas of improvement in Valley Water's Capital Improvement Program. Program staff has been coordinating with internal stakeholders to compile management responses to the two 2019 audits for presentation to the Board CIP and Audit Committees set for September 2022. Implementation of the audit recommendations are the foundation for the CPMPC Program's project controls component, which is under development and will be implemented by CPMPC Program staff in coordination with other responsible business areas.

ATTACHMENTS:

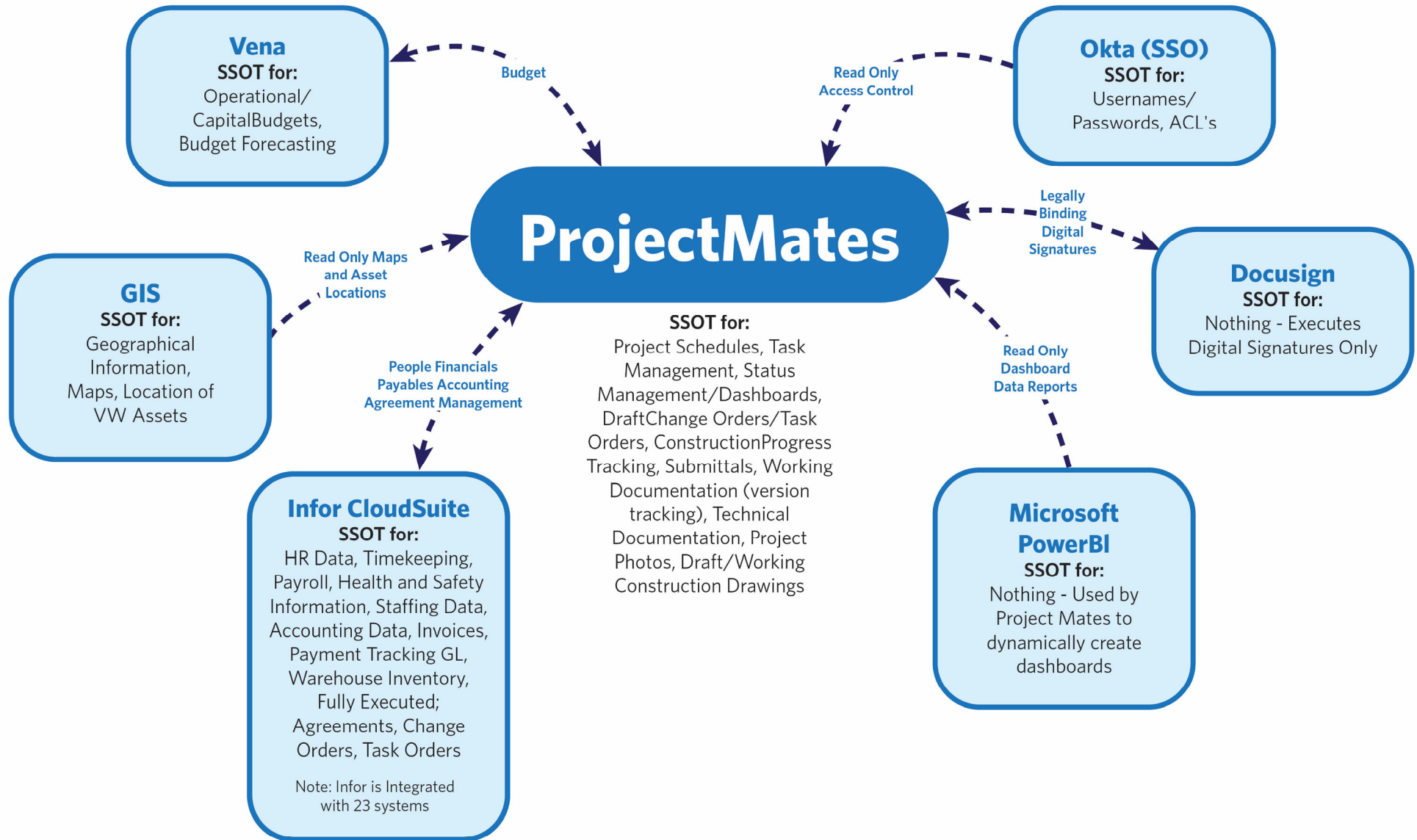
Attachment 1: Integrations Chart
Attachment 2: PowerPoint

UNCLASSIFIED MANAGER:

Melanie Richardson, 408-630-2035

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ProjectMates Integration and Single Source of Truth Relationships



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CPMPC Program Overview

Capital Improvement Program Committee
September 26, 2022

Capital Project Management and Project Controls Program



Presentation Outline

1. CPMPC Program Overview

- a. Introduction
- b. Goals
- c. Approach
- d. Tools

2. Implementation of Audit Recommendations

- a. Audit Response Working Group
- b. Recommendation Overview
- c. CPMPC Implementation

3. Next Steps

CPMPC Introduction



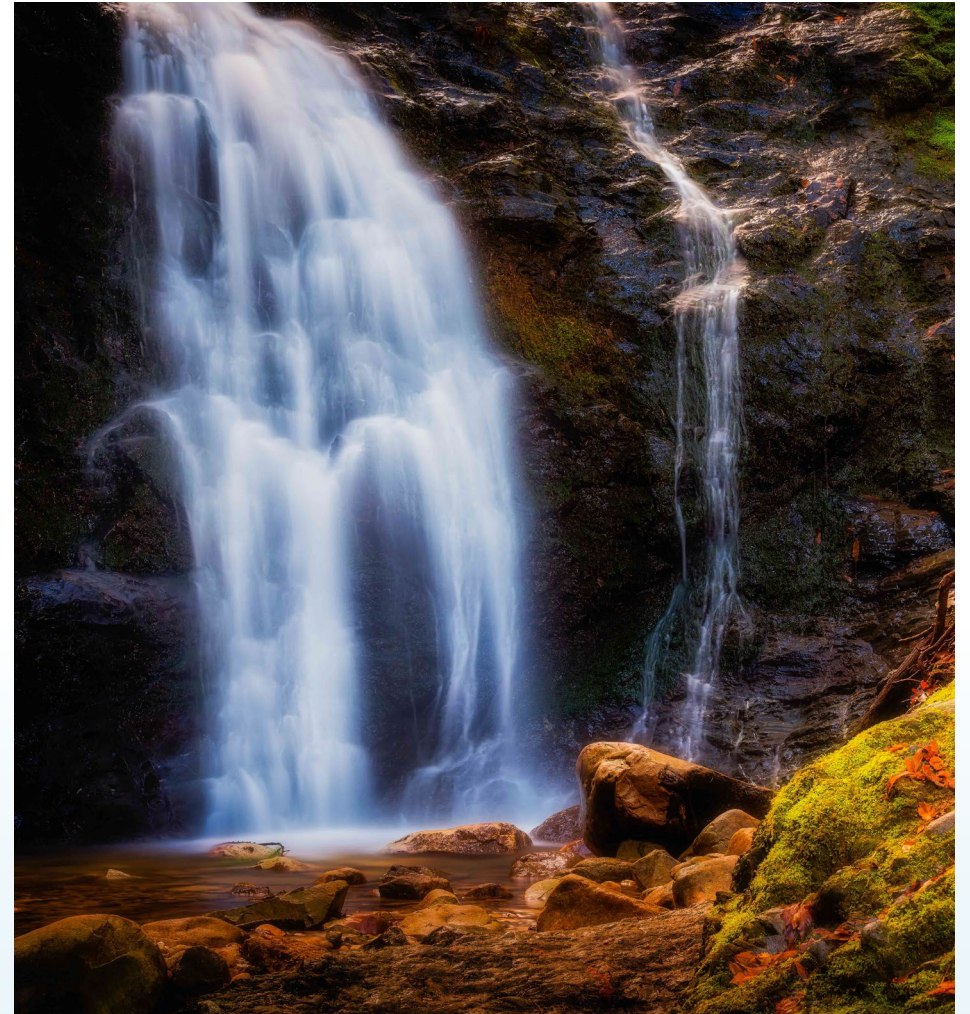
CPMPC stands for Capital Project Management and Project Controls Program

- Program was established in October 2021 with the purpose of supporting delivery of capital projects that deliver safe clean water, flood protection, and environmental stewardship throughout the county by providing streamlined project management solutions for the oversight and management of capital projects



CPMPC Program Goals

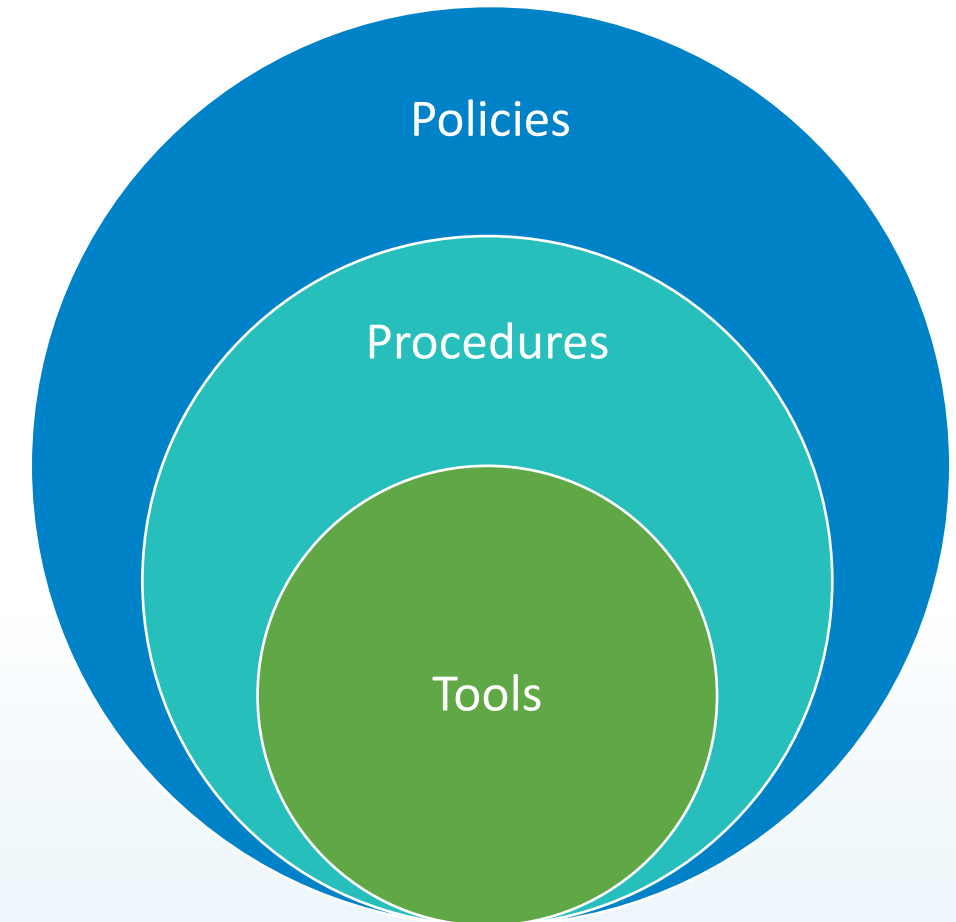
1. Implement and manage Valley Water's first project management information system (**PMIS**)
2. Provide monthly capital project updates and reports to the Board **Capital Improvement Program (CIP) Committee**
3. Document control and training for capital quality management system (**QEMS**) documents
4. Identify, discuss, and coordinate **process improvements**
5. Provide **quarterly updates** on capital deadlines, document updates, and process improvements



CPMPC's Multi-Faceted Approach

Project Support, Accountability, and Consistency:

- Project Support – CPMPC staff work closely with CIP staff to support project administration
- Accountability – staff is accountable to Valley Water's mission, board policies, each other, and the processes/tools being implemented
- Consistency – people must apply the processes/tools consistent with the standards established in order to achieve Valley Water's mission



Tools

Projectmates PMIS:

- Cloud-based
- Seamless Transition
- Integration w/ Other Systems
- 360° Project Management



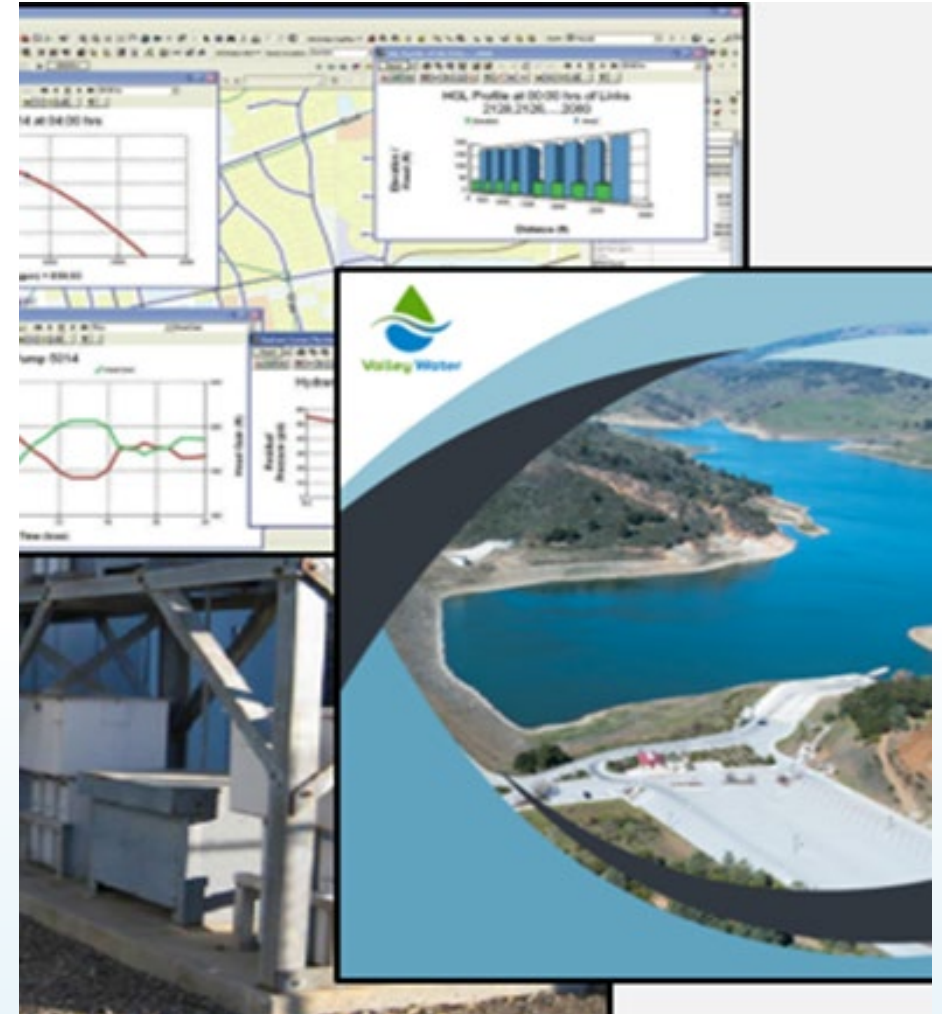
Projectmates SMEs



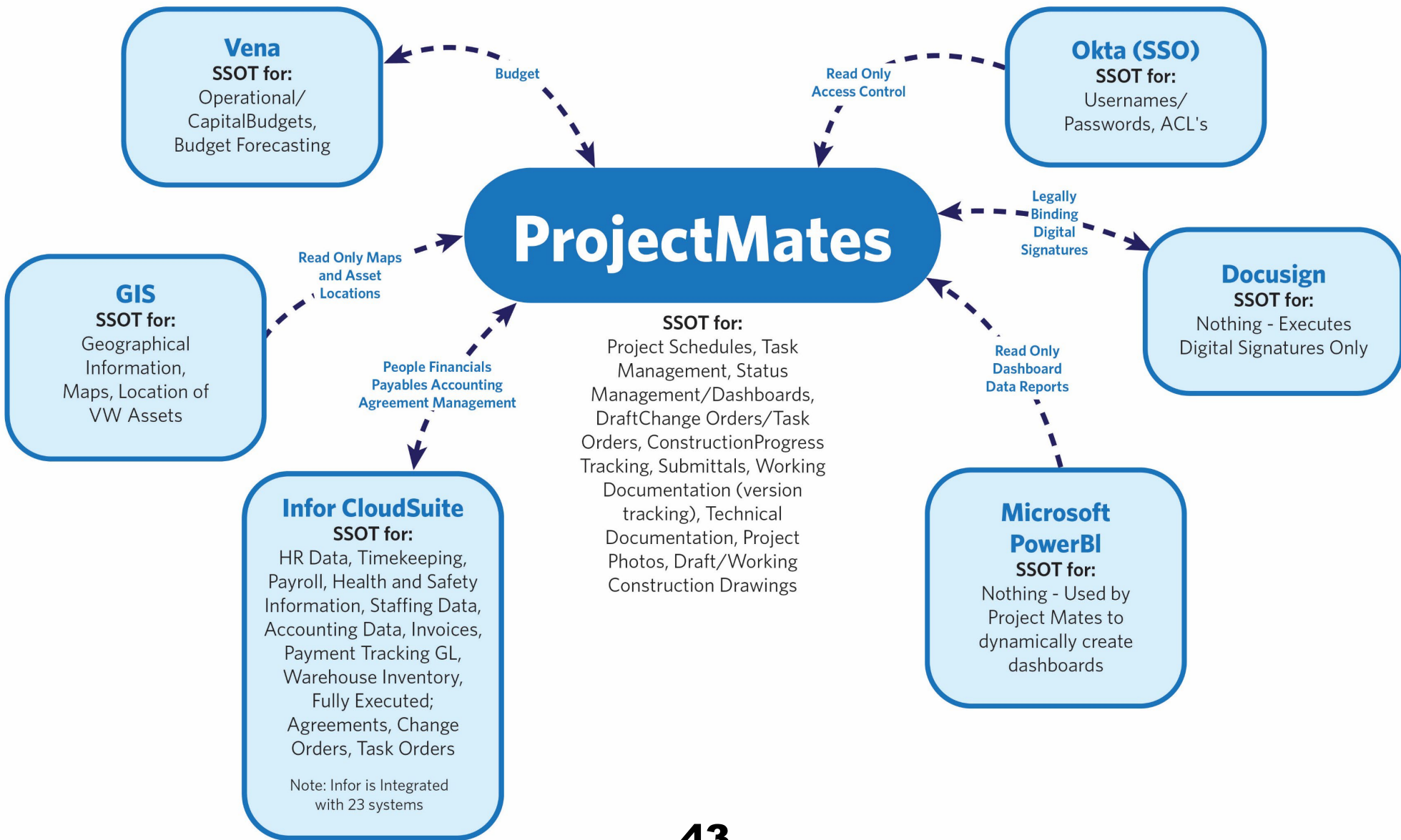
- Safe, Clean Water
- Capital Improvement Program Planning Team
- Asset Management
- CADD
- Water Utility Water Treatment
- Water Utility Pipelines
- Dam Safety & Capital Project Delivery
- Watersheds Design & Construction
- Environmental Planning
- Construction Services Unit
- Recycled & Purified Water
- WU Facilities
- WU Electrical Control Systems
- Small Caps
- Operations
- Construction Contracts
- Procurement
- Accounting/Accounts Payable
- Budget & Financial Analysis
- Financial Planning & Revenue
- Debt Services
- Records
- IT
- ArcGIS

Tools: Projectmates

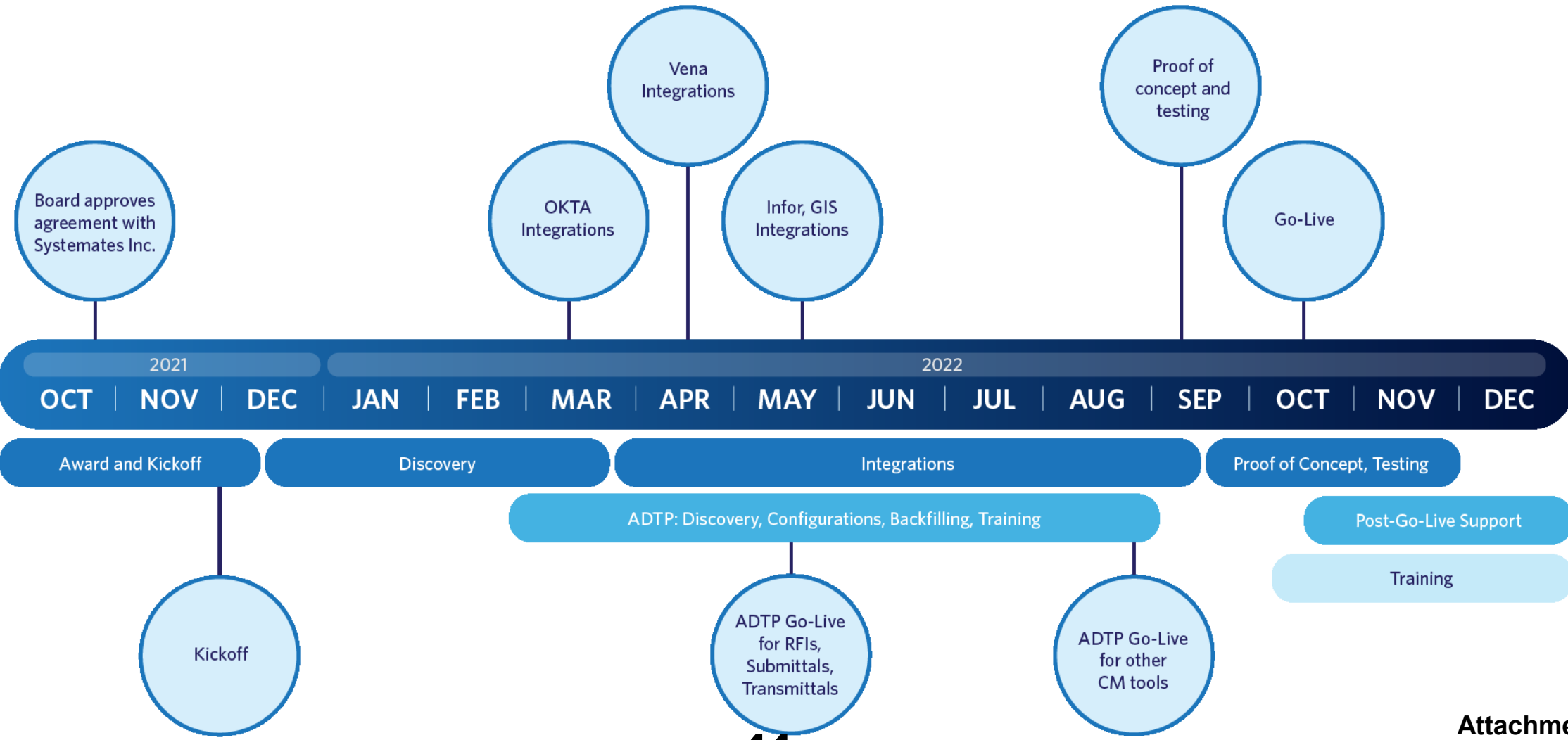
- **Document Management:** integrate, track, and archive project documents across phases
- **Cost Management:** track consultant and contractor pay estimates, invoices, and change orders
- **Workflow Management:** automate standard document workflows and monitor completion status
- **Schedule Management:** Track schedules and compare with performance metrics
- **Capital Project Planning:** Prioritize, strategize, allocate, and track projects
- **Analytics & Reporting:** Generate reports and audit content using data from other modules



ProjectMates Integration and Single Source of Truth Relationships



Projectmates Implementation Timeline





Capital Construction Program Management Software

QUESTIONS





Santa Clara Valley Water District

File No.: 22-1004

Agenda Date: 9/26/2022

Item No.: 4.4.

COMMITTEE AGENDA MEMORANDUM

Capital Improvement Program Committee

SUBJECT:

Management and Monitoring of Capital Project Environmental Mitigation.

RECOMMENDATION:

Receive Information on Management and Monitoring of Capital Project Environmental Mitigation.

SUMMARY:

Establishment, management, and monitoring of environmental mitigation is required for Valley Water capital improvements through individual project permits from regulatory agencies including the U.S. Army Corps of Engineers, U.S. Fish and Wildlife Service, National Marine Fisheries Service, California Department of Fish and Wildlife, San Francisco Bay or Central Coast Regional Water Quality Control Boards, and Bay Conservation and Development Commission; as well as through California Environmental Quality Act commitments.

Mitigation requirements vary by project to restore or replace impacted habitats, such as creek and river channels, riparian forests, and wetlands, including their key ecological components. Required monitoring often includes channel geomorphology, instream features, such as anadromous fish spawning gravel, vegetation survival, health and vigor, canopy cover (native and invasive plants), and qualitative assessments (site stability, erosion, etc.). Recently, monitoring related to stormwater treatment has been required on some projects. There are dozens of monitoring indicators, depending on the project, habitat type, and impacts to be mitigated. As a result, mitigation monitoring and reporting is done on a project-by-project basis. Currently, there are 15 capital projects with ongoing mitigation monitoring (Attachment 1). Additionally, more projects are in the planning or design phases where environmental mitigation and monitoring requirements are to be determined. This does not include mitigation site management conducted as part of the Stream Maintenance Program.

The Environmental Mitigation and Monitoring Unit manages, monitors, and tracks most capital projects' mitigation, submitting annual or periodic mitigation monitoring reports to the applicable resource agencies. A biologist is designated as the mitigation lead by project, conducts biological monitoring, and coordinates with staff throughout the agency to manage mitigation site vegetation and habitats, conduct geomorphological, water quality, and other types of monitoring. These efforts are closely tracked to ensure that mitigation requirements are being met, field monitoring is on schedule, and reports are submitted on time. Mitigation sites are mapped in Valley Water's GIS system (Attachment 2).

Valley Water is in full compliance with its capital project mitigation requirements. For projects not yet meeting mitigation performance standards, more time is allowed within the permits to manage, monitor, and attempt to meet success criteria. Mitigation that has been successfully established and monitoring requirements completed are managed under the Safe, Clean Water and Natural Flood Protection Program, Project D1: Management of Riparian Planting and Invasive Plant Removal.

ATTACHMENTS:

Attachment 1: Mitigation Tracking Table

Attachment 2: GIS Example

UNCLASSIFIED MANAGER:

John Bourgeois, 408-630-2990

Environmental Mitigation and Monitoring Unit Annual Monitoring Reports

Project #	Project Name	Report Due	Monitoring Year Start	Monitoring Year End	Monitoring Years Elapsed
Mitigation Monitoring Report					
1 62042032	Adobe Creek Reaches 1-4	12/31/22	2006	2027 or later	17
2 40174004	Lower Berryessa and Calera Creeks (Phase 1)	12/31/22	2018	2022 P1	5
3 40174005	Lower Berryessa and Calera Creeks (Phase 2)	12/31/22	2020	2024 P2	3
4 26174041	Upper Berryessa Creek flood project	1/31/23	2020	2030	3
5 62042032	Calabazas Creek	12/31/22	2011	2029	11
6 40212032	Lower Coyote Creek	2027	1992	2042-2052	25-35
7 30151026	Guadalupe River Flood Project (Downtown or GRP)	Draft MMR	1994	2100	15-28
8 26154002 (R6, AHIP)	Upper Guadalupe River Flood Project (Upper or UGRP, E8)	3/31/22	2021	2024 (Rs 6, 10B)	2
9 26154003 (Rs 7-12)	Aquatic Habitat Improvement Project (AHIP Reach 6 gravel augmentation)	Final 7/2/23	2013	2027 (R12)	5-10
10 40264011	Lake Cunningham Flood Detention	12/31/22	2019	2028	4
11 40334005	Lower Penitencia Creek Flood Protection Project	1/31/23	2021	2026	2
12 26244001	Permanente Creek Flood Project inc. Rancho San Antonio Flood Basin	1/31/23	2021	2031	2
13 26284002	San Francisquito Creek (Hwy 101 to SF Bay)	12/31/22	2018	2027	5
14 62042032	Lower Silver Creek (Reaches 4-6)	7/1/24	2005	2023, 2028	4, 9
Mitigation Implementation					
15 91864005	Anderson Dam Ceanothus	3/15/23	2011	In Construction	

Project #	Project Name	Anticipated Start (FY)
Future Monitoring Projects		
1 91854001	Almaden Dam Improvements / Almaden-Calero Canal Rehabilitation	2031
2 26044001	Almaden Lake Improvement	2028
3 91864005	Anderson Dam Seismic Retrofit (ADSR, C1) FERC Order Compliance Project (FOCP)	2032
4 40174004	Lower Berryessa Flood Protection (Phase 3 w. Tularcitos and Calera, E3)	2032
5 26044002	Bolsa Fish Passage	2023
6 62084001	Calabazas Creek Rehabilitation	2025
7 91874004	Calero Dam Seismic Retrofit / Fellows Dike	2036
8 26174043	(Mid) Coyote Creek Flood Protection Project (E1)	2026
9 26164001	Hale Creek	2023
10 26174051	Upper Llagas Creek flood project (E6)	2026
11 91954002	Pacheco Reservoir Expansion Project (PREP)	2032
12 10394001	Palo Alto Flood Basin Tide Gate (PAFB)	2027
13 26324001	Upper Penitencia Creek Flood Protection (E4)	TBD
14 26284002	San Francisquito Cr (Hwy 101 to El Camino, E5)	2024
15 00044026	South San Francisco Bay Shoreline Project (E7)	2028
16 26074002	Sunnyvale East/West Channels Flood Protection Project (E2)	2027
17 95084002	WUE pipelines - Almaden Valley, Cross Valley, Calero, Santa Clara Conduit, Snell	2027

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Valley Water mitigation
Reach A to Segment 3A
downtown Guadalupe
River Project (GRP)



Approximate Scale



GIS themes are for illustration and general analysis purposes only and are not accurate to surveying or engineering standards. Information is not guaranteed to be accurate, current, or complete and use of this information is your responsibility.

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Santa Clara Valley Water District

File No.: 22-1002

Agenda Date: 9/26/2022

Item No.: 4.5.

COMMITTEE AGENDA MEMORANDUM

Capital Improvement Program Committee

SUBJECT:

Review 2022 Capital Improvement Program Committee Work Plan.

RECOMMENDATION:

Review the 2022 Capital Improvement Program Committee Work Plan and make adjustments as necessary.

SUMMARY:

Work Plans are created and implemented by all Board Committees to increase Committee efficiency, provide increased public notice of intended Committee discussions, and enable improved follow-up by staff. Work Plans are dynamic documents managed by Committee Chairs and are subject to change. Committee Work Plans also serve to assist to prepare an Annual Committee Accomplishments 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 CIP Work Plan contained in Attachment 1 is presented for the Committee's review to determine topics for discussion in 2022.

Regular monthly meetings are scheduled to occur at 11:00 a.m., on the third Monday of each month or at the call of the Committee Chair.

ATTACHMENTS:

Attachment 1: 2022 CIP Committee Work Plan

UNCLASSIFIED MANAGER:

Candice Kwok-Smith, 408-630-3193

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CIP Committee 2022 Workplan

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Capital Project Monitoring												
Feasibility/Planning	X			X			X			X		
Design/Permitting	X	X			X			X			X	
Construction/Closeout	X		X			X			X			X
CIP Implementation												
Lower Berryessa Creek Phase 2 Project Update		X										
Dam Safety Program Overview and Updates			X									
Purified Water Program Update			X									
Updates 10-Year Pipeline Program Overview and Updates				X								
ERP System Implementation Overview and Updates						X						
Capital Projects not in Monitoring							X					
Future Funding for Dam Safety Program							X					
Consultant Agreement Compliance Process								X				
Potential Impacts of Inflation and Economic Outlook on CIP								X				
Capital Project Management and Project Controls Program Overview									X			
Environmental Mitigation and Monitoring Program Overview									X			
Coyote Pumping Plant ASD Replacement										X		
CIP Development												
CIP Process Audit					X							
CIP Planning Process												
• Annual CIP Process and Integrated Financial Planning Schedule and Review of Initially Validated and unfunded Projects										X		
• Review Significant Project Plan Updates											X	
Preliminary CIP Review												X
Standing Items												
Anderson Dam Tunnel Project Contingency and Change Order Monitoring	X	X	X	X	X	X	X	X	X	X	X	X
Upcoming Consultant Agreement Amendments	X	X	X	X	X	X	X	X	X	X	X	X
Workplan	X	X	X	X	X	X	X	X	X	X	X	X
Minutes	X	X	X	X	X	X	X	X	X	X	X	X
Annual Election of Committee Officer		X										

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