

**COMMISSION OF SILICON VALLEY CLEAN WATER  
JOINT POWERS AUTHORITY  
REGULAR MEETING – Monday, May 8, 2023  
8:00 a.m.**

Place: Pelican Conference Room  
Silicon Valley Clean Water  
1400 Radio Road, 2<sup>nd</sup> Floor  
Redwood City, California

**Consistent with Government Code Section 54953, this meeting will be held both in person and virtually. See page 5 of this agenda for virtual meeting access information and instructions.**

**COMMISSIONERS**

COUNCIL MEMBER ALICIA AGUIRRE, REDWOOD CITY – CHAIR  
BOARD MEMBER GEORGE OTTE, WEST BAY SANITARY DISTRICT – VICE CHAIR  
COUNCIL MEMBER RON COLLINS, SAN CARLOS – SECRETARY  
VICE MAYOR, DAVINA HURT, BELMONT

**MANAGER:** TERESA A. HERRERA

**ATTORNEY FOR THE AUTHORITY:** CHRISTINE C. FITZGERALD

**CONTROLLER:** MICHELLE P. FLAHERTY

**TREASURER:** MATTHEW ANDERSON

**AMERICANS WITH DISABILITIES ACT**

In compliance with the Americans with Disabilities Act, if you need special assistance to participate in this meeting, please contact SVCW (650) 591-7121. Notification in advance of the meeting will enable the Authority to make reasonable arrangements to ensure accessibility to this meeting.

**AGENDA**

1. CALL TO ORDER
2. ROLL CALL
3. PLEDGE OF ALLEGIANCE
4. PUBLIC COMMENT

Any member of the public may address and ask questions of the Chair under this item relating to any matter within the Commission's jurisdiction that does not appear as a separate item on the Agenda. An opportunity will be provided for members of the public to address the Chair and ask questions about any item that is listed on the agenda at the time the Commission considers the item and before action is

taken. If you address the Commission on a non-agenda item, be aware that the Ralph M. Brown Act (Gov. C. § 54950 et seq.) prohibits the Commission from acting on or discussing such matters at this meeting. Any such item may be referred to staff for a decision with regard to placing it on a future agenda for discussion, action or a report.

5. SAFETY MOMENT and REPORTS

- A. Safety Moment.....pg. 7
- B. Manager's Report
  - 1. Upcoming Commission Actions.....pg. 9
- C. Financial Report
  - 1. Investment Report.....pg. 11
- D. Engineering Capital Projects Report.....pg. 15
- E. Commission Requested Staff-Level Action Items..... pg. 18
- F. RESCU Program Design-Build Project Status Update..... pg. 21

6. MATTERS OF COMMISSION MEMBER'S INTEREST

7. CONSIDERATION OF MOTION APPROVING CONSENT CALENDAR (begins pg. 29)

8. BUSINESS ITEMS

- A. CONSIDERATION OF RESOLUTION AND MOTION APPROVING CONTINUATION OF DECLARATION OF EMERGENCY FOR 54-INCH DIAMETER FORCE MAIN (pg. 36)

Proposed Actions:

- i. Move adoption of RESOLUTION CONTINUING EXISTENCE OF EMERGENCY CONDITION REQUIRING IMMEDIATE EXPENDITURE OF FUNDS IN FURTHERANCE OF PUBLIC HEALTH, WELFARE AND SAFETY AND APPROVING AND RATIFYING EXECUTION OF CONTRACTS FOR REPAIR OF ESSENTIAL PUBLIC FACILITIES RELATING THERETO (54-INCH INFLUENT FORCE MAIN) (4/5<sup>ths</sup> weighted vote required)
- ii. Move approval of EXPENDITURES UP TO \$545 THOUSAND AT THE DIRECTION OF THE SVCW MANAGER FOR REPAIRS OF THE 54-INCH INFLUENT FORCE MAIN FROM CAPITAL BUDGET RESERVE FUND

9. CLOSED SESSION

- A. LABOR NEGOTIATIONS (Govt. Code Section 54957.6(a))

AGENCY NEGOTIATORS: Teresa Herrera, Manager

Matt Anderson, CFO/Asst Manager

Jennifer Flick, Human Resources Director

Kim Hackett, Authority Engineer

Jessica Mangual, Business Operations Associate

B. PUBLIC EMPLOYEE PERFORMANCE EVALUATION (Gov't Code §54957)  
Title: Manager

C. CONFERENCE WITH LABOR NEGOTIATOR (Gov't Code §54957.6)  
Unrepresented Employee: Manager

10. RECONVENE IN OPEN SESSION – Announce action taken in Closed Session, if any

11. ADJOURN

## CONSENT CALENDAR

### **NOTICE TO PUBLIC**

All matters listed under CONSENT CALENDAR are considered to be routine. There may be discussion on items on the CONSENT CALENDAR. All items will be enacted by one motion with a voice vote unless members of the Commission, staff, or public request specific items be removed from the CONSENT CALENDAR for separate action.

7. A. APPROVAL OF MINUTES – April 10, 2023 - Regular Meeting (pg. 29)
- B. CONSIDERATION OF MOTION APPROVING CLAIMS AND CHECKS DATED MARCH 21, 2023 – APRIL 10, 2023, AND NECESSARY PAYMENTS THROUGH APRIL 10, 2023 (pg. 34)

Microsoft Teams Access Information  
Silicon Valley Clean Water  
Regular Meeting  
Monday, May 08, 2023

**WEBSITE:** [Link to access meeting](#)

**MEETING ID:** 270 547 566 14

**CALL IN PHONE NUMBER:** +1 747-216-0281 **ID:** 925 412 740#

You may log in via URL located on SVCW's website at <https://svcw.org/about/governance/commission-meetings>. You may view video during the meeting via live stream. An audio will be available after the meeting at SVCW's website. If you experience technical difficulties or have technical questions prior to or during the meeting, please contact Teams meeting support at 707-862-0859. Note: Public participation is not permitted during closed session discussion items.

#### Public Comment

Public comment may be made by joining the meeting using the link or phone number above. Members of the public may provide public comments via the Teams platform by using the "raise hand" feature or, if calling in by phone, by unmuting and beginning to speak. In response to a "raised hand", SVCW will unmute the member of public and allow them to speak. In response to a phone request to speak, SVCW will ask what is the nature of the comment and will provide directions to follow to provide comment. Public comments will be limited to three minutes.

Public comment may also be made by emailing comments to [commission@svcw.org](mailto:commission@svcw.org) up to two hours prior to the scheduled meeting time. Indicate in your email the agenda item to which your comment applies. If you have anything that you wish distributed to the Commission and included for the official record, please include it in your email.

#### Accessibility for Individuals with Disabilities

Upon request, SVCW will provide for access to individuals with disabilities to fully engage in the meeting process. Joining the meeting via the teleconference instructions above will provide access to open captioning. For other accommodations, please email your request to [commission@svcw.org](mailto:commission@svcw.org) or call 650-591-7121 at least four (4) days prior to the scheduled meeting time. Requests will be granted whenever possible and resolved in favor of accessibility.

#### Subject to Change:

Given the current public health emergency and the rapidly evolving federal, state, and local orders, the format of this meeting may change or the meeting may be canceled. You may check on the status of the meeting by visiting SVCW's website [www.svcw.org](http://www.svcw.org).

## AGENDA ITEM 5A

## Important Reasons Why You Should Report Near Misses

The definition of a near miss is an unplanned event that did not result in injury, hazard, or damage but had the potential to do so. Also known as a “close call,” a near miss often identifies a system weakness that if not corrected, could lead to dangerous hazards or injury in the future.

Near misses can be a significant indicator and critical opportunity to enhance safety practices. Here are 10 important reasons why you should report near misses:

1. **Establishes safe practices in the workplace:** Reporting a near miss helps to establish and continue safe practices within the workplace.
2. **Reduces risk:** Reporting near misses can improve your safety program and reduces the overall tolerance for risk, which can help you to avoid fines and higher insurance premiums.
3. **Allows information to be shared easily:** Information provided enables an employer to communicate the facts, causes, and corrective actions to all employees regarding near misses.
4. **Collects valuable data:** Reporting of near misses provides valuable data and information to employees and management about how to avoid and prevent future hazards and injuries.
5. **Provides opportunity to improve safety operations:** Near misses provides a significant opportunity to identify weaknesses to improve the safety, health, and security in the workplace or on a job site.
6. **Avoids complacency:** With near miss reporting, employers avoid complacency by constantly evaluating processes and looking for improvements.
7. **Provides useful tool to identify workplace hazards:** Near miss reporting is a unique tool to identify workplace hazards without significant risk.
8. **Involves employees:** A good near miss reporting systems allows employees to be involved in the safety program and increases employee engagement.
9. **Demonstrates management’s commitment to safety:** Near miss reporting demonstrates management’s commitment to a culture of safety, which should be promoted to workers without fear of discipline or reprimand.
10. **Allows identification of trends:** Near miss reporting is a valuable collection of data over time and allows management to identify possible trends and potential risks.

## AGENDA ITEM 5B



Recurring and Upcoming 2023 Commission Actions  
Updated for May 2023 Meeting

January	February	March	April
<ul style="list-style-type: none"> <li>Review Investment Policy</li> <li>Long Range Financial Plan</li> </ul>	<ul style="list-style-type: none"> <li>Meeting Cancelled</li> </ul>	<ul style="list-style-type: none"> <li>Operating Budget Workshop</li> </ul>	<ul style="list-style-type: none"> <li>Operating Budget Approval</li> <li>Consider MOU w/Local 39</li> </ul>
May	June	July	August
<ul style="list-style-type: none"> <li>Initiate Manager Performance Evaluation</li> <li>Receive Q1 Investment Summary</li> </ul>	<ul style="list-style-type: none"> <li>Approve Resolution 77-6 "Personnel Resolution"</li> <li>Perform Manager Evaluation</li> <li>Review Reserve Funds Policy</li> </ul>	<ul style="list-style-type: none"> <li>Nominate Commission Chair &amp; Vice Chair; Appoint Secretary</li> </ul>	<ul style="list-style-type: none"> <li>Meeting Cancelled</li> </ul>
September	October	November	December
<ul style="list-style-type: none"> <li>Review Debt Management Policy</li> <li>Investment Program Status Annual Update</li> </ul>	<ul style="list-style-type: none"> <li>Conflict of Interest Update (Biennial; even numbered years)</li> <li>Review Debt Management Policy</li> </ul>	<ul style="list-style-type: none"> <li>Audited Financial Report</li> <li>CIP Update (biennial)</li> </ul>	<ul style="list-style-type: none"> <li>Commission Meeting Schedule for following year</li> </ul>

 - Recurring Commission Actions  
 - Upcoming Commission Actions

## AGENDA ITEM 5C

**Silicon Valley Clean Water Authority**  
**Cash & Investments Summary Report**  
**March 31, 2023**

Description	Market Value	% of Total Holdings	Yield to Market
<b><u>Reserve Accounts</u></b>			
Operating Reserve* - Securities	\$ 3,534,238	2.58%	1.35%
Operating Reserve - Money Market Fund Balance	311,136	0.23%	4.32%
CIP Reserve* - Securities	20,614,750	15.03%	2.22%
CIP Reserve - Money Market Fund Balance	388,137	0.28%	4.32%
Stage 2 Capacity Reserve* - Securities	13,860,561	10.10%	1.87%
Stage 2 Capacity Reserve - Money Market Fund Balance	289,189	0.21%	4.32%
<b>Total Market Value: Operating and Reserve Accounts</b>	<b>\$ 38,998,011</b>	<b>28.4%</b>	<b>2.07%</b>
Total Accrued Interest: Operating and Reserve Accounts	173,341		
<b>GRAND TOTAL, RESERVE ACCOUNTS</b>	<b>\$ 39,171,352</b>		
<b><u>Trustee Accounts:</u></b>			
2018 Bond Project Fund Account - CAMP	\$ 6,515,185	4.75%	4.80%
2018 Bond Revenue Account	2,250	0.00%	4.22%
2019A Notes WIFIA - Money Market Fund	1,611,114	1.17%	4.21%
2019A Notes Capitalized Interest Account - Money Market Fund	12,231	0.01%	4.21%
2019A Notes Capitalized Interest Account* - Securities	6,181,709	4.51%	2.47%
2021 Refunding Bonds Revenue Account	1,256	0.00%	4.22%
2021A Notes (RESCU) - Money Market Fund	505	0.00%	4.21%
2021A Notes (RESCU) - LAIF**	14,708,128	10.72%	2.83%
2021B Notes (WWTP) - Money Market Fund	6,425,321	4.68%	4.21%
2021B Notes (WWTP) - CAMP	12,587,670	9.18%	4.80%
2021B Notes (WWTP)* - Securities	20,309,671	14.81%	1.84%
2021B Notes (WWTP) - LAIF**	22,711,583	16.56%	2.83%
2021 Notes Capitalized Interest Account - Money Market Fund	1,310,933	0.96%	4.21%
<b>Total Market Value, Trustee Accounts</b>	<b>\$ 92,377,555</b>	<b>67.34%</b>	<b>3.14%</b>
Accrued Interest:	203,227		
Operating Cash (includes outstanding checks)	5,582,983	4.07%	0.00%
Local Agency Investment Funds (LAIF) Balance	213,606	0.16%	2.83%
<b>Total Cash &amp; Investments</b>	<b>\$ 137,548,723</b>	<b>100.00%</b>	<b>2.70%</b>



Matthew P Anderson

Chief Financial Officer / Assistant Manager

\* Monthly report of security transactions and interest available upon request

\*\*Market value of LAIF based on Fair Value factor as of 9/30/2022 (most available)

4/19/2023

Date

Silicon Valley Clean Water Operating and Reserve Funds - Sector Allocation & Compliance February 28, 2023								
Security Type	Operating Reserve	CIP Reserve	Capacity Reserve	Total Market Value	% of Total Portfolio	% Allowed by Policy	In Compliance	% Change vs. Prior Month
U.S. Treasury	\$ 1,877,659	\$ 10,263,403	\$ 6,200,324	\$ 18,341,386	47%	100%	✓	1.9%
Supranationals	345,430	-	-	345,430	1%	15%	✓	(0.0%)
Federal Agency/GSE	638,344	1,102,959	771,797	2,513,099	6%	100%	✓	(0.0%)
Federal Agency/CMBS	-	1,117,658	797,797	1,915,455	5%	100%	✓	(0.1%)
Federal Agency CMO	-	598,421	473,311	1,071,732	3%	100%	✓	(0.1%)
Federal Agency MBS	-	2,103,735	1,531,132	3,634,867	9%	100%	✓	(0.2%)
Municipal	-	847,365	686,209	1,533,574	4%	30%	✓	(0.0%)
Corporate Notes	490,921	4,090,923	3,027,645	7,609,489	20%	30%	✓	(0.3%)
Asset-Backed Securities	181,885	490,286	372,346	1,044,516	3%	10%	✓	(0.2%)
<b>Securities Sub-Total</b>	<b>3,534,238</b>	<b>20,614,750</b>	<b>13,860,561</b>	<b>38,009,549</b>	<b>97%</b>			
Accrued Interest	14,008	97,590	61,743	173,341				
<b>Securities Total</b>	<b>3,548,247</b>	<b>20,712,340</b>	<b>13,922,304</b>	<b>38,182,890</b>				
Money Market Fund	311,136	388,137	289,189	988,462	3%	20%	✓	(1.0%)
<b>Total Investments</b>	<b>\$ 3,859,382</b>	<b>\$ 21,100,477</b>	<b>\$ 14,211,493</b>	<b>\$ 39,171,352</b>	<b>100%</b>			
As % of 6/30/22 Target:	96.0%	93.0%	100.0%	95.7%				

*This report contains financial information which has not been reviewed or audited by an independent auditor, does not reflect the application of generally accepted accounting principles in all instances and is subject to future revision. This report has not been prepared with a view to informing an investment decision in any of the Authority's bonds, notes or other obligations. Any projections, plans or other forward-looking statements included in this report 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 the Authority's bonds, notes or other obligations and investors and potential investors should rely only on information filed by the Authority on the Municipal Securities Rulemaking Board's Electronic Municipal Market Access System for municipal securities disclosures and website, maintained at <https://emma.msrb.org>*

- 1. All operating fund accounts are in compliance with SVCW's Investment Policy, and all bond proceeds accounts are in compliance with the relevant bond documents.*
- 2. SVCW has adequate funding levels for more than six months of operations and claim payments, as referenced in CA Code Section 53646.*
- 3. Market valuations for the Operating and Reserve accounts along with the 2018 bond, 2019A note, 2021 bond, 2021A and 2021B notes proceeds accounts are provided by PFM Asset Management LLC (PFM). Generally, PFM's market prices are derived from closing bid prices as of the last business day of the month as supplied by ICE Data Services or Bloomberg. Where prices are not available from generally recognized sources the securities are priced using a yield-based matrix system to arrive at an estimated market value. Prices that fall between data points are interpolated. Non-negotiable FDIC-insured bank certificates of deposit are priced at par. Although PFM believes the prices to be reliable, the values of the securities do not always represent the prices at which the securities could have been bought or sold.*
- 4. In accordance with Generally Accepted Accounting Principles (GAAP), month-end holdings and information are reported on a trade date basis.*
- 5. The yields shown for securities portions of the operating and reserve accounts and the 2019A and 2021A&B notes proceeds accounts are the yields to maturity at cost.*
- 6. The yield for LAIF is the average monthly effective yield. Source: [https://www.treasurer.ca.gov/pmia-laif/historical/avg\\_mn\\_ylds.asp](https://www.treasurer.ca.gov/pmia-laif/historical/avg_mn_ylds.asp)*
- 7. The yields shown for the PFM-managed money market funds are the Yield to Maturity at Cost, and the Yield to Maturity at Market sourced from the respective fund providers' statements. Yields for BNY-managed funds are Market Yields sourced from the respective fund providers' statements.*
- 8. Yield shown for CAMP is the monthly distribution yield.*

## AGENDA ITEM 5D

**ENGINEERING REPORT: APRIL 2023  
CAPITAL IMPROVEMENT PROGRAM**

**UPCOMING COMMISSION ACTIONS:**

**Acceptance of 54-Inch Force Main Leak Repair:** Accept emergency repair of 54-inch Force Main.

Termination of Emergency Condition related to leak in 54-inch Force Main at Redwood Shores Way and accept project

Planned Commission Actions: Continue Emergency Condition – May 2023  
Terminate Emergency Condition and Accept Project  
– June 2023

**Digester #1 Rehabilitation (9215):** Rehabilitation of Digester #1

This project includes repair of coatings and structural elements in Digester #1. Construction is underway and expected to be completed in 2023.

Planned Commission Actions: Accept the Project and File Notice of Completion –  
July 2023

**Final Effluent Project (CIP#9223):** Progressive Design Build Agreement Award for Stage 1

SVCW staff is in the process of procuring a design-build team for design and construction of Final Effluent Pumps Upgrade project. The Final Effluent Pump project will replace all five pumps that pump the final treated effluent in the San Francisco Bay. These pumps were installed as part of the initial plant construction and have been operational since the Plant was commissioned in 1982.

Planned Commission Actions: Award Stage 1 Progressive Design-Build Agreement and Task Order – September 2023

**ONGOING PROJECTS IN CONSTRUCTION:**

**RESCU Program (6008, 9501, 9502):** Design and Construct Conveyance System Improvements

SVCW awarded progressive design build contracts to Barnard Bessac Joint Venture for the Gravity Pipeline (GP) Project and Shea Parsons Joint Venture for the Front of Plant (FoP) and Pump Stations Improvements (PSI) Projects. SVCW staff and consultant project team are intricately involved in all stages of work.

GP project construction is complete. Construction continues on the PSI and FoP projects. Acceptance of the GP project will occur concurrently with acceptance testing

of the FoP project. The FoP and PSI Projects are expected to be completed in late 2023 and mid 2024 respectively. Refer to Commission Item 5F for status updates.

**SAF-MBR (9236)**: Pilot Testing New Treatment Systems in Conjunction with Stanford University

SAF-MBR is operational with particular equipment being tested. Additional equipment continues to be procured to further test different scenarios of treatment.



## AGENDA ITEM 5E

**Silicon Valley Clean Water  
Commissioners' Requested Action Items**

**MAY 08, 2023  
AGENDA ITEM 5E**

Updated: 04/19/2023

Commission Meeting Date		Action Item	Requested or Estimated Date for Completion	Status			Date of Completion	Notes
				Ongoing	In Progress	Complete		
4/10/2023	1	Financial Funds	N/A		✓			Describe the various funds contained within SVCW's budget. Identify funds to be allocated to sustainability projects and programs.
3/13/2023		Sustainability Efforts	N/A		✓			Present to Commission efforts related to sustainability, decarbonization, sea level rise, etc. Investigate grants available for EV fleet conversion.
2/13/2023		Meeting Cancelled						
1/9/2023		Water Feature - Avian Habitat	N/A		✓			Reach out to Audubon and other potential community partners. Identify benefits inline with SVCW's Mission.
12/12/2022		No Action Items						
11/14/2022		No Action Items						
10/10/2022	1	Remote Meetings	11/14/2022			✓	11/2/2022	Add 30-day remote meeting per AB361 to November agenda
	2	Hybrid Meetings	N/A		✓			Show attendees while showing powerpoint presentations for hybrid meeting attendance. Continuing to investigate.
	3	RESCU Report	N/A			✓	11/7/2022	Change RESCU monthly report to clarify "Project Chagnes" are complete w/amendments finalized.
8/8 & 9/12		Meetings Cancelled						
7/11/2022	1	State Water Resources Control Board - SVCW's COO Appointment to Certification Advisory Board	N/A			✓	7/11/2022	Provide talking points for Commissioners' use re: Monte Hamamoto's appointment to the Certification Board
	2	SAF-MBR	N/A		✓			Have Stanford lead person provide Commissioners a presentation on SAF-MBR
	3	Potable Reuse	N/A			✓	7/11/2022	Provide talking points for Commissioners' use re: SVCW potable water reuse activities
6/13/2022	1	No Action Items						

**Silicon Valley Clean Water**  
**Commissioners' Requested Action Items**

**MAY 08, 2023**  
**AGENDA ITEM 5E**

Updated: 04/19/2023

Commission Meeting Date	Action Item		Requested or Estimated Date for Completion	Status			Date of Completion	Notes
				Ongoing	In Progress	Complete		
5/9/2022	1	No Action Items						
> One Year		8E - JPA Amendment; re-initiate "clean up" to JPA	N/A		✓			Manager to presented a pathway to address critical changes to the JPA at the April 2023 meeting. Commission concurred; Manager to follow up.
		Project Changes/Commission Notification	N/A	✓			Ongoing	Ensure Commission is kept apprised of possible/potential project cost and/or schedule increases.
		1406 Radio Road Building	N/A		✓			Research and make recommendation related to historic registry restraints on what can/can't be done with buildings. On hold due to Covid-19. Historic marker applied Aug. 28, 2021.
		Pump Stations Improvements - Capital vs Life Cycle Costs	N/A		✓			Reducing pump stations from 5 to 2 have been reported to save long-term costs; provide analysis results to Commissioners.

## AGENDA ITEM 5F

# Overview

RESCU Program describes eleven projects which constitute full replacement and rehabilitation of SVCW's conveyance system. RESCU includes the Gravity Pipeline, Front of Plant, Pump Stations, and Belmont Force Main projects. The Front of Plant includes six and Pump Stations includes four of the eleven projects. The Conveyance System Improvements Environmental Impact Report completed and adopted by the SVCW Commission in April 2017 covers work to be done under all the RESCU Program projects.

## Available Budget

\$582.56M

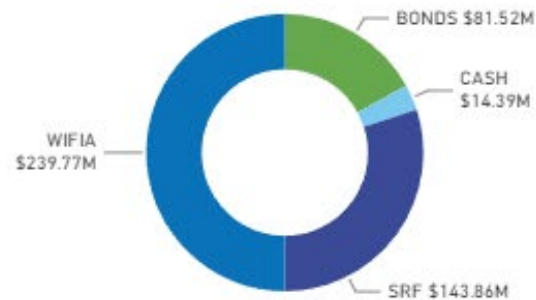
## Total Expenditure

\$511.42M

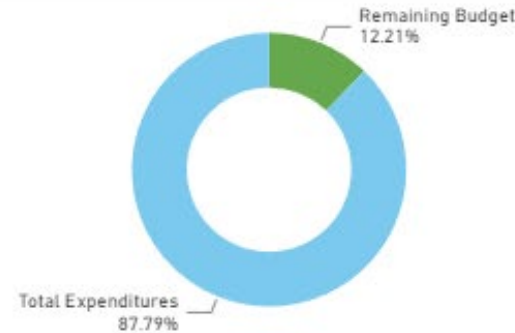
## Remaining Budget

\$71.14M

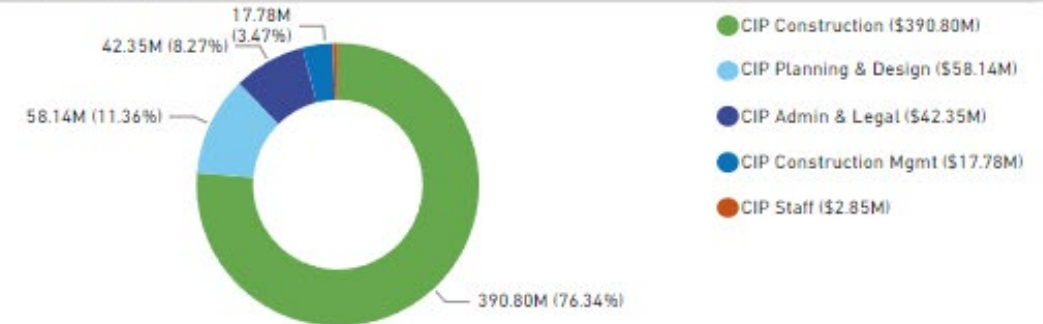
## Source of Funds (per LRFP 2021)



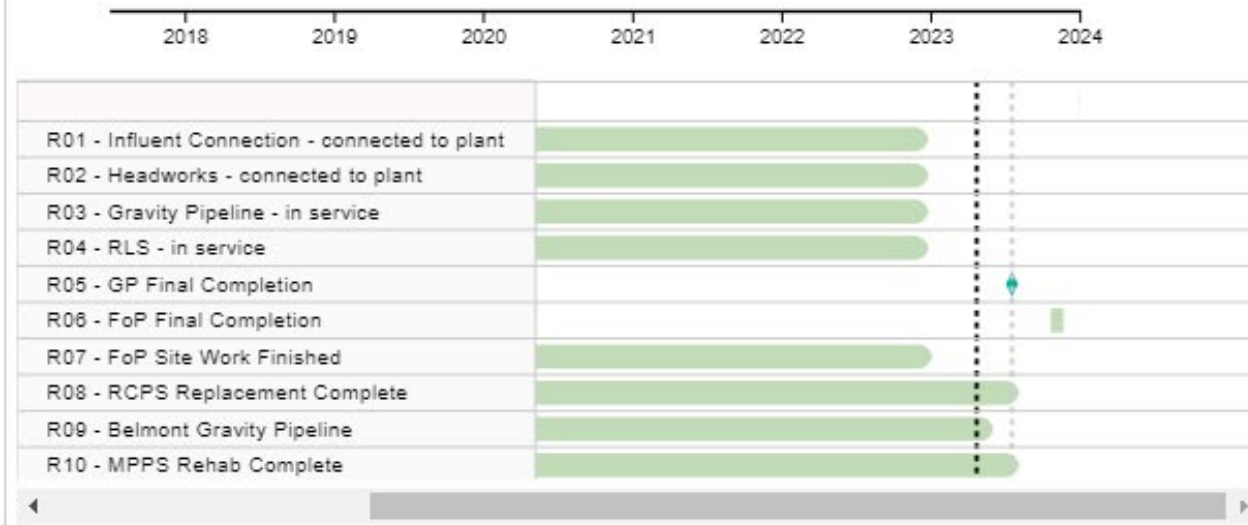
## Budget vs Expenditures



## Expenditures by Object



## Project Schedule



As of : 2023 - 04



NOTE: all information in this report are as of the end of previous month, except for the SPI data, which is one month behind all other information.



# Front of Plant Progressive DB Project (CIP 9502)

The Front of Plant (FoP) Project consists of the design, construction, permitting, start-up, commissioning, and final acceptance for the Receiving Lift Station (RLS), Surge and Flow Splitter (SFS), Headworks Facility, Odor Control System, Influent Connector Pipe, Emergency Overflow pipe to an existing storage basin and other related process support systems. Work is being implemented under a Progressive Design-Build procurement process in stages.

## Available Budget

\$168.71M

## Total Expenditure

\$150.87M

## Remaining Budget

\$17.84M

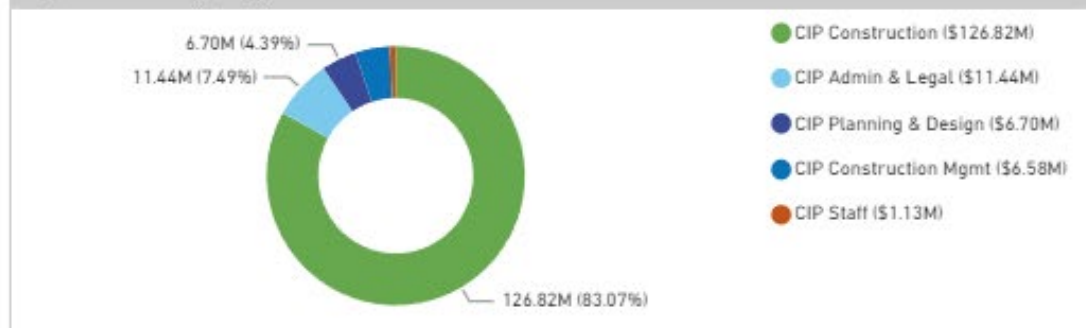
## Milestone Schedule

	Start	Finish
Interconnection Pipe Completed	7/24/2020	3/2/2023
Headworks Facility Completed	12/6/2018	9/14/2022
SFS/RLS Completed	12/6/2018	7/1/2022
Bair Island Connecting Piping Startup	10/3/2022	8/19/2023
San Carlos Connecting Piping Startup	8/5/2022	8/6/2023
Substantial Completion		10/23/2023

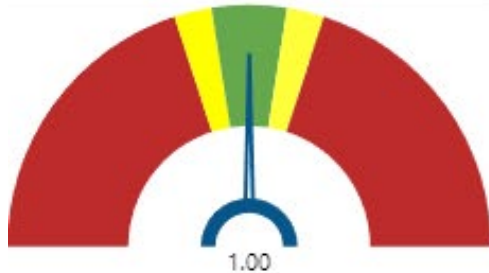
## Budget vs Expenditures



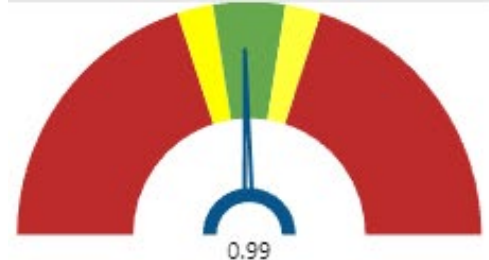
## Expenditures by Object



## Cost Performance Index (CPI)



## Schedule Performance Index (SPI)



## Major Accomplishments this Period

Construction	<ul style="list-style-type: none"> <li>- SPJV installed posts for the new entry/exit gates.</li> <li>- SPJV continues site grading throughout the yard and formed and placed rebar for the driveway and portions of the FoP entry gate. SPJV installed the curb and gutter. SPJV fused and installed new 4" HDPE 1W piping and valves.</li> <li>- Inside the SVCW main plant gallery, the valve was installed on the 3W line.</li> <li>- MMC installed new conduit for the new entry gate and SPJV backfilled it.</li> <li>- SPJV/SVCW took down the screening structure in order to take measurements for Weir installation.</li> <li>- Vendor training is complete.</li> <li>- Startup is continuing for the odor control system, RLS pumps and sump pumps, and headworks.</li> <li>- At San Carlos, PEC continued installation of the 30" stainless steel piping and knife gate valve inside the pump station.</li> </ul>
Design	- SPJV continues design of various site improvements.
Procurement of Trade Packages	- Front of Plant Trade Procurement is complete.

## Potential Issues

Additional cost due to changes to the temporary ILS bypass and procurement delays

Intrinsically Safe Relay Panel

Plant water pipeline size upgrade and related fixtures

Utilidor extension for piping

## Approved Project Changes

3 Water and Utilidor Improvements

Bair Island and San Carlos Pump Station Pipe Connection Work - mechanical

Change order for odor control system

Credit for deletion of 48" bypass from 54" force main

Credit for the deletion of the chemical storage system

Electrical System

Extended Overhead Costs Associated with CFRP Delays

ILS Pipe Repair

Miscellaneous Site Improvements

New County/Local Sales Tax

Power Loss and Recovery and Other Electrical Improvements

Project Management past December 2021

San Carlos and Bair Island Connecting Piping

## 3 - Month Look Ahead

	Start	End	May	June	July
ILS CFRP Repair Work	June 12, 2023	September 12, 2023		X	X
SCPS Connecting Piping	August 5, 2022	October 11, 2023	X	X	X
Bair Island Connecting Piping	October 3, 2022	September 29, 2023	X	X	X
63" HDPE IPL Line Installation (Sta 7+65 to 9+05)	May 18, 2023	May 25, 2023	X		
Hydro Test 63" IPL Line (Sta 0+55 to 9+05)	June 1, 2023	June 7, 2023		X	
Start-Up and Commissioning	November 10, 2022	July 17, 2023	X	X	
Final Site Improvements	November 28, 2022	October 16, 2023	X	X	

## Safety Spot Light

Lost Time	0
Near Misses	5
Recorded Losses	2



# Gravity Pipeline Progressive DB Project (CIP 6008)



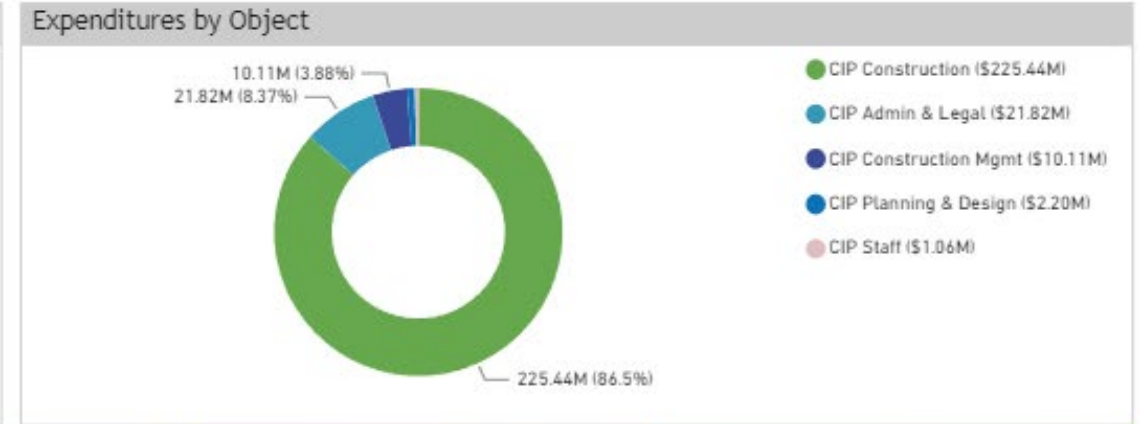
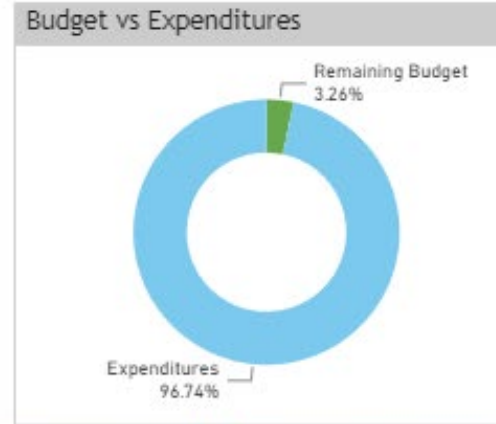
The Gravity Pipeline (GP) Project consists of the design, construction, permitting, start-up, commissioning, and closeout of approximately 17,600 feet of wastewater gravity FRP pipe inside a concrete-segment tunnel. The work includes three shafts and will interface directly with the Front of Plant (FoP) Project at the Surge & Flow Shaft (SFS). Work is being implemented under a Progressive Design-Build procurement process.

Available Budget  
**\$264.36M**

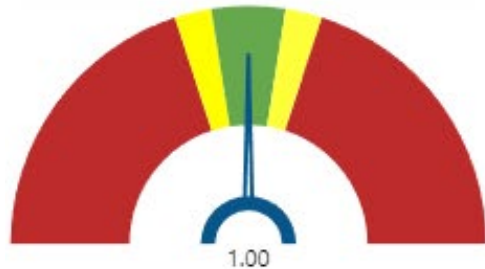
Total Expenditure  
**\$255.73M**

Remaining Budget  
**\$8.63M**

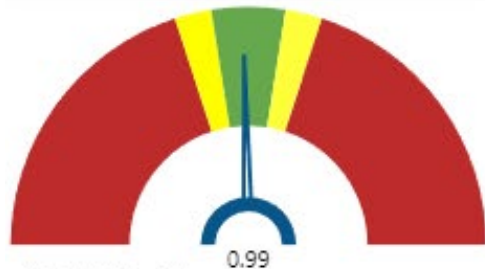
Milestone Schedule		
	Start	Finish
Conditional Substantial Completion		7/1/2022
Final Completion		7/20/2023



Cost Performance Index (CPI)



Schedule Performance Index (SPI)



As of: 2023 - 04





## Major Accomplishments this Period

Construction	<ul style="list-style-type: none"> <li>- BBJV completed backfill of the Airport Access Shaft.</li> <li>- BBJV completed site restoration at the AAS.</li> </ul>
Design	<ul style="list-style-type: none"> <li>- Gravity Pipeline design is complete.</li> </ul>
Muck Disposal	<ul style="list-style-type: none"> <li>- 79% of Muck Disposal Amendment spent</li> <li>- 21% of Muck Disposal Amendment remaining. Credit was issued for remaining funds.</li> </ul>
Procurement of Trade Packages	<ul style="list-style-type: none"> <li>- Gravity Pipeline Trade Procurement is complete.</li> </ul>

## 3 - Month Look Ahead

Start

End

## Potential Issues

## Approved Project Changes

Acceptance Testing Time Extension  
 Additional Survey at Governors Bay  
 Bair Island Force Main Exposure and Additional Monitoring  
 Bair Island Weir Optimization  
 Exceedence of Muck Offhaul Allowance  
 New County/Local Sales Tax and US Tariffs  
 Redwood City Sales Tax Increase 2021  
 San Carlos Adit Ammonia Mitigation  
 San Carlos Shaft Ammonia Mitigation  
 SCPS Basement Connection  
 SFS Slurry Wall Hardness DSC  
 Soil Conditioner Leak at CPT Hole STA 171 + 80

## Safety Spot Light

Lost Time	1
Near Misses	4
Recorded Losses	5

# Pump Stations (CIP 9501)

All SVCW pump stations require replacement or rehabilitation. Menlo Park PS will be rehabilitated. Redwood City PS will be replaced. Belmont PS will be replaced with a gravity pipeline. San Carlos PS is no longer needed due to the new gravity pipeline; flows from San Carlos and Belmont will enter into the gravity pipeline via a drop structure at the current San Carlos pump station site. Flows from MPPS and RCPS will flow through the new 48-inch force main to a drop structure at Inner Bair Island. RCPS pumps MPPS flows during wet weather events.

Available Budget

\$133.59M

Total Expenditure

\$92.50M

Remaining Budget

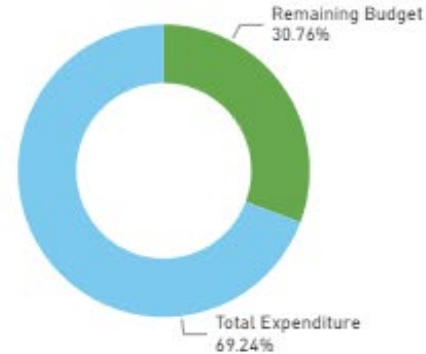
\$41.09M

## Milestone Schedule

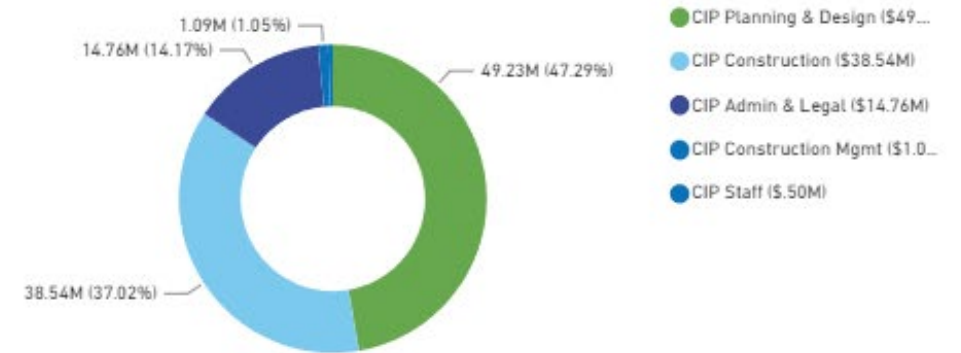
	Start	Finish
MPPS - B-side Pumps Completed	3/15/2022	10/13/2022
MPPS - A-side Pumps Completed	10/4/2022	8/11/2023
BGP - Gravity Pipe Installed	7/24/2023	10/3/2023
BGP - Shaft/Tunneling Work on Shoreway Road Completed	4/18/2023	4/18/2023
RCPS - PG&E Service Work	9/15/2023	11/15/2023
RCPS - Wet Well & Screening Building Completed	4/17/2022	11/30/2023
RCPS - Electrical Building Completed	2/8/2021	9/8/2023
Substantial Completion - MPPS*		8/7/2023
Substantial Completion - RCPS*		8/7/2023
Substantial Completion - BGP*		6/5/2023

\* Schedule extension is currently in discussion

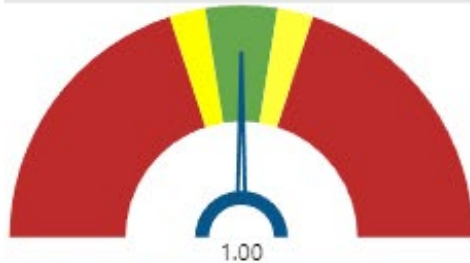
## Budget vs Expenditures



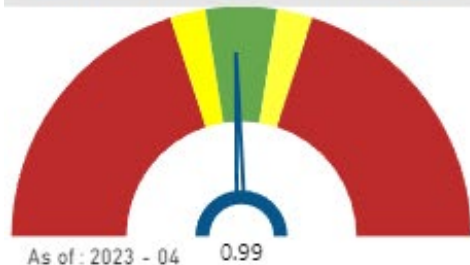
## Expenditures by Object



## Cost Performance Index (CPI)



## Schedule Performance Index (SPI)



As of: 2023 - 04





# Pump Stations (CIP 9501)



## Major Accomplishments this Period

Construction	<ul style="list-style-type: none"> <li>- BGP: At RS-3, PEC has completed restoration of the shaft and surrounding area, including landscaping in front of Public Storage. The final slurry and striping of RS3 is scheduled to be completed on 4/29.</li> <li>- RCPS: SPJV continues with formwork, rebar and concrete pours for Structural and Fill Concrete. Excavation of the new junction box is scheduled to occur in April.</li> <li>- MPPS: MMC continues cutover of equipment to new PLC. Pumps #3 and #4 connected to new VFDs and tested with new VFDs.</li> </ul>
Design	<ul style="list-style-type: none"> <li>- RCPS: Redwood City has elected to omit the installation of the 60-inch pipe from the PSI project. SPJV has been directed to provide a sleeve for future connections.</li> <li>- BGP: The Belmont Pump Station demolition drawings were received from SPJV and comments from OA based on pricing were sent back. TPI received SPJV's responses to the comments and the responses were sent to OA for review. The San Carlos Pump Station declassification drawings were received from SPJV. TPI received SPJV's responses to the comments and those responses were sent to OA/O&amp;M for review.</li> </ul>

## 3 - Month Look Ahead

	Start	End	May	June	July
MPPS - A-side Wet Well and Pumps	October 4, 2022	August 25, 2023	X	X	X
MPPS - Pump & Motor Rooms	March 15, 2022	June 20, 2023	X	X	
MPPS - Electrical Room Improvements	July 6, 2021	July 12, 2023	X	X	X
RCPS - Wet Well and Screening Building Structural Concrete	September 8, 2021	July 28, 2023			X
RCPS - Mechanical - Wet Well	November 28, 2022	December 11, 2023	X		
RCPS - Mechanical - Screening Structure	October 31, 2022	September 1, 2023	X		
RCPS - Electrical / I&C	January 3, 2023	November 30, 2023	X	X	
RCPS - Junction Box	February 24, 2023	August 24, 2023	X	X	X
RCPS - Electrical Building & Restroom	February 8, 2021	September 8, 2023	X	X	X
RCPS - Site Utilities	April 14, 2023	March 5, 2024	X		
RCPS - Effluent Piping and Meter Vault	May 12, 2023	January 19, 2024	X	X	X
RCPS - Standby Generator	June 2, 2021	May 26, 2023	X		

## Potential Issues

Additional costs due to paving thickness in City of San Carlos
BGP Piping in San Carlos Pump Station
Challenges from permitting and land acquisition conditions at RCPS
Contract time extension
MPPS and RCPS PG&E Related-Changes
Redwood City 48-Inch Pipe Rehabilitation and condition of existing influent pipe
Redwood City 60-inch Pipe Installation/Connection
RS2 Recology Changes (Single Lane Closure)
San Carlos Pump Station Electrical

## Approved Project Changes

Allowance Release, JS-4 Unforeseen Fiber Optic Utility Impacts
Bair Island and San Carlos Pump Station Pipe Connection Work - electrical/instrumentation
BGP Design Development
Credit for installation of Segment 2 FM ARV/VRV, Monitoring Off Position, RCPS Standby Generator Cost Increase, RCPS CARVs, Credit for 12" Water Relocation and Calwater Costs
Differing Site Conditions and MPPS Generator Warranty Release
Segment 1 Force Main Junction Box Repairs
Stage 2 Baseline Schedule Revision
Traffic Control Changes Allowance Release

## Safety Spot Light

Lost Time	0
Near Misses	0
Recorded Losses	0

## AGENDA ITEM 7A

**MINUTES OF SILICON VALLEY CLEAN WATER  
REGULAR MEETING – APRIL 10, 2023  
8:00 a.m.**

Place: Pelican Conference Room  
Silicon Valley Clean Water  
1400 Radio Road, 2<sup>nd</sup> Floor  
Redwood City, California

*Members of the public and SVCW staff and consultants were also able to observe and participate remotely per instructions provided in the agenda.*

**ITEM 1**

**CALL TO ORDER**

The meeting was called to order at 8:01 a.m.

**ITEM 2**

**ROLL CALL - Commissioners Duly Appointed by Each Agency**

Council Member Alicia Aguirre, Redwood City – Chair  
Board Member George Otte, West Bay Sanitary District – Vice-Chair  
Council Member Ron Collins, San Carlos – Secretary  
Vice Mayor Davina Hurt, Belmont

**Staff, Consultants and Visitors Present**

Teresa A. Herrera, SVCW Manager  
Christine C. Fitzgerald, SVCW Legal Counsel  
Matt Anderson, SVCW Chief Financial Officer/Assistant Manager  
Monte Hamamoto, SVCW Chief Operating Officer  
Kim Hackett, SVCW Authority Engineer  
Jennifer Flick, SVCW Human Resources Director  
Arvind Akela, SVCW Engineering & Environmental Services Director  
Jessica Mangual, SVCW Secretary Pro Tem  
Cindy Hui, SVCW Finance Supervisor  
Kiki Newberry, SVCW Financial Analyst  
Jane Kao, SVCW Senior Engineer  
Chathu Abeyrathna, SVCW Senior Engineer  
Mark Minkowski, Kennedy Jenks  
Sheryl Chia, Kennedy Jenks  
Sergio Ramirez, West Bay Sanitary District  
Theresa Yee, City of Redwood City  
Carolyn Kerans, City of Redwood City  
Aren Hansen, Brown & Caldwell  
Bill Tanner, TPI

**ITEM 3****PLEDGE OF ALLEGIANCE**

The Pledge of Allegiance was recited by those in attendance

**ITEM 4****PUBLIC COMMENT**

There was no Public Comment

**ITEM 5****SAFETY MOMENT AND REPORTS**

Instructions for enabling live captioning and providing public comment during the remote meeting site were provided.

Item 5A Safety Moment concerned tips on situational awareness in the workplace.

Item 5B Manager's Report included discussion on possible JPA amendments.

For other written reports contained within the agenda packet, there were no questions or comments.

**ITEM 6****MATTERS OF COMMISSION MEMBER'S INTEREST****ITEM 7****CONSIDERATION OF MOTION APPROVING CONSENT CALENDAR ITEMS 7A THROUGH 7E**

- A. APPROVAL OF MINUTES – March 13, 2023 - Regular Meeting
- B. CONSIDERATION OF MOTION APPROVING CLAIMS AND CHECKS DATED JANUARY 25 – MARCH 20, 2023, AND NECESSARY PAYMENTS THROUGH MARCH 20, 2023
- C. CONSIDERATION OF MOTION APPROVING DESIGN TASK ORDER SCOPE AND BUDGET FOR BURIED AND EXPOSED PROCESS PIPE REPAIR

Proposed Action:

Move approval of TASK ORDER SCOPE OF WORK AND BUDGET FOR DESIGN SERVICES FOR THE BURIED AND EXPOSED PROCESS PIPING REPAIR (CIP #9600) IN AN AMOUNT NOT TO EXCEED \$395,630 AND AUTHORIZE MANAGER TO APPROVE UP TO TEN PERCENT CONTINGENCY FOR ADDITIONAL WORK ON AN AS-NEEDED BASIS – BROWN AND CALDWELL

- D. CONSIDERATION OF MOTION APPROVING WATER ENVIRONMENTAL TECHNICAL (WET) CONSULTING TASK ORDER SCOPE AND BUDGET FOR

## OPERATIONS INPUT INTO CIP PROJECTS AND OPERATIONAL SUPPORT TASKS

### Proposed Action:

Move approval of TASK ORDER SCOPE AND BUDGET FOR OPERATIONAL CONSULTING SERVICES IN AN AMOUNT NOT-TO-EXCEED \$500,000 AND AUTHORIZE MANAGER TO APPROVE UP TO TEN PERCENT CONTINGENCY FOR ADDITIONAL WORK ON AN AS-NEEDED BASIS – WATER ENVIRONMENTAL TECHNICAL CONSULTING

## E. CONSIDERATION OF RESOLUTION AMENDING PRICING ASSOCIATED WITH A LINE OF CREDIT AGREEMENT WITH WELLS FARGO BANK, NATIONAL ASSOCIATION

### Proposed Action:

Move adoption of RESOLUTION OF THE COMMISSION OF SILICON VALLEY CLEAN WATER AUTHORIZING AMENDMENT TO AGREEMENT WITH WELLS FARGO BANK, NATIONAL ASSOCIATION, PURSUANT TO THE TERMS OF THE NOTICE, AND APPROVING OFFICIAL ACTIONS

### **Motion/Second: Ms. Hurt/ Mr. Collins**

The Motion carried by Unanimous Vote

## **ITEM 8A**

## CONSIDERATION OF RESOLUTION AND MOTION RATIFYING SVCW MANAGER'S DECLARATION OF EXISTENCE OF AN "EMERGENCY CONDITION" AND APPROVING REPAIR OF ESSENTIAL FACILITIES

### Proposed Actions:

- i. Move adoption of RESOLUTION DECLARING EXISTENCE OF EMERGENCY CONDITION REQUIRING IMMEDIATE EXPENDITURE OF FUNDS IN FURTHERANCE OF PUBLIC HEALTH, WELFARE AND SAFETY AND APPROVING AND RATIFYING EXECUTION OF CONTRACTS FOR REPAIR OF ESSENTIAL PUBLIC FACILITIES RELATING THERETO (54-INCH INFLUENT FORCE MAIN) (4/5<sup>ths</sup> weighted vote required)
- ii. Move approval of EXPENDITURES UP TO \$475,000 AT THE DIRECTION OF THE SVCW MANAGER FOR REPAIRS OF THE 54-INCH INFLUENT FORCE MAIN FROM CAPITAL BUDGET RESERVE FUND.

### **Motion/Second: Mr. Otte / Ms. Hurt**

The Motion carried by Unanimous Vote

### **ITEM 8B**

#### **CONSIDERATION OF RESOLUTIONS APPROVING FISCAL YEAR 2023-24 ANNUAL OPERATING AND CAPITAL EXPENDITURES BUDGET**

Move Approval of Resolutions Adopting:

- i. FISCAL YEAR 2023-24 ANNUAL OPERATING BUDGET IN THE AMOUNT OF \$31,012,421 IN NET OPERATING REVENUES REQUIRED AND \$480,000 FOR REVENUE-FUNDED CAPITAL PROJECTS
- ii. FISCAL YEAR 2023-24 CASH RESERVE DESIGNATIONS IN THE AMOUNT OF \$3,000,000 TO THE CAPITAL IMPROVEMENT PROGRAM RESERVE FUND AND \$246,236 TO THE OPERATING RESERVE FUND
- iii. FISCAL YEAR 2023-24 DEBT SERVICE EXPENDITURES IN AN AMOUNT OF \$19,047,831
- iv. AUTHORIZING SVCW MANAGER TO IMPLEMENT, MANAGE AND APPROVE EXPENDITURES AUTHORIZED WITHIN THE FISCAL YEAR 2023-24 ANNUAL OPERATING AND CAPITAL EXPENDITURES BUDGET AS ADOPTED BY THE SILICON VALLEY CLEAN WATER COMMISSION

**Motion/Second: Mr. Collins / Ms. Hurt**

The Motion carried by Unanimous Vote

### **ITEM 9**

Closed Session was called to order at 8:37 a.m.

### **ITEM 10**

RECONVENE IN OPEN SESSION

Open Session reconvened at 8:44 a.m.

Ms. Fitzgerald reported that, as to closed session item 9, no action was taken and direction was given to staff and Counsel.

### **ITEM 11**

ADJOURN

There being no further business, the meeting adjourned at 8:45 a.m.

Minutes prepared by Teresa A. Herrera

Reviewed by General Counsel

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Ron Collins, Secretary



## AGENDA ITEM 7B

**SVCW WARRANT REGISTER**

SVCW Warrant Registers dated March 21, 2023 – April 10, 2023, were scanned and a copy was emailed to Commissioners and Legal Counsel on May 3, 2023.

## AGENDA ITEM 8A

**CONTINUATION OF EMERGENCY REPAIR  
FOR 54-INCH DIAMETER FORCE MAIN**

**ISSUE**

Continuation of Existence of an Emergency Condition

**BACKGROUND**

On March 20, 2023, at approximately 16:00 hour, SVCW's Operation Division was notified that water was seeping out of the pavement at the corner of Redwood Shores Parkway and Marlin Drive, where SVCW's 54-inch force main is located. Visual inspection and water samples analyzed for ammonia indicated raw sewage. SVCW and Redwood City staff quickly contained the leak, preventing seepage from reaching a nearby storm drain, and therefore, no sewage reached Waters of the State.

On March 21, 2023, the SVCW Manager issued an Emergency Declaration related to the force main leak to protect public health. The Commission received an update on the work to rectify the force main leak and ratified the Emergency Declaration at their regular meeting of April 10, 2023.

The 54-inch force main is a part of SVCW conveyance system, conveying wastewater flows from the member agencies of West Bay Sanitary District, City of Redwood City, City of San Carlos and City of Belmont. The force main is slated to be decommissioned upon startup of the Gravity Pipeline installed by the RESCU Program later this year. As opposed to most sewers, which are sloped to allow flow by gravity, force mains are under a small amount of pressure, with the pressure provided by the conveyance system pump stations. Since force mains are under pressure, when they develop a leak, the flow gets pushed out of the leak.

**DISCUSSION**

Work has been ongoing since March 21<sup>st</sup> to resolve the leak emanating from SVCW's 54-inch force main. Work was done diligently to protect public health and welfare and the environment. The pipe was fully exposed on April 12<sup>th</sup> and the pipe clamp and seal was put in place on April 13. Work since that time has been filling the excavation, replacing curb and gutter, and paving the area where asphalt was removed. Work remaining is replacing irrigation piping and damaged landscaping and striping the new pavement.

Striping the new pavement will initiate on May 9<sup>th</sup>. The reason for the time lag is because it is economical to have Power Engineering stripe the pavement at a time when they will be striping pavement on Shoreway Road under the Belmont Gravity Pipeline project. Replacing irrigation piping and landscape material is being done with cooperation of the Sunrise HOA landscaping company. This work is not yet scheduled.

While it is anticipated that work will complete by the end of the May 8, 2023 week, it will not be complete by the time of the May 8, 2023 Commission meeting; therefore the emergency condition will be continued.

**Estimated Costs**

At the Commission's regular meeting on April 10, 2023, expenditures up to \$475 thousand were approved. The current estimate to complete all work required for this emergency is higher than this amount by approximately \$70 thousand. Approval for this increase is part of this agenda item recommendation. This increase includes replacement of the clamp that was used for the repair; because of the emergency nature of a leak, SVCW always keeps a clamp warehoused for use. The estimated cost of the replacement clamp is \$30 thousand. Other elements of the cost increase are related to restoration of the site and the longer-than-anticipated time it took to complete the repair work.

**CLIMATE EFFECTS**

Repair of the leaking force main will eliminate public exposure to wastewater and wastewater from reaching the Waters of the State (i.e., San Francisco Bay).

**FINANCES**

Funds for this work will derive from the SVCW Capital Budget Reserve.

**RECOMMENDATION**

- i. Move adoption of RESOLUTION CONTINUING EXISTENCE OF EMERGENCY CONDITION REQUIRING IMMEDIATE EXPENDITURE OF FUNDS IN FURTHERANCE OF PUBLIC HEALTH, WELFARE AND SAFETY AND APPROVING AND RATIFYING EXECUTION OF CONTRACTS FOR REPAIR OF ESSENTIAL PUBLIC FACILITIES RELATING THERETO (54-INCH INFLUENT FORCE MAIN) (4/5<sup>ths</sup> weighted vote required)
- ii. Move approval of EXPENDITURES UP TO \$545 THOUSAND AT THE DIRECTION OF THE SVCW MANAGER FOR REPAIRS OF THE 54-INCH INFLUENT FORCE MAIN FROM CAPITAL BUDGET RESERVE FUND.