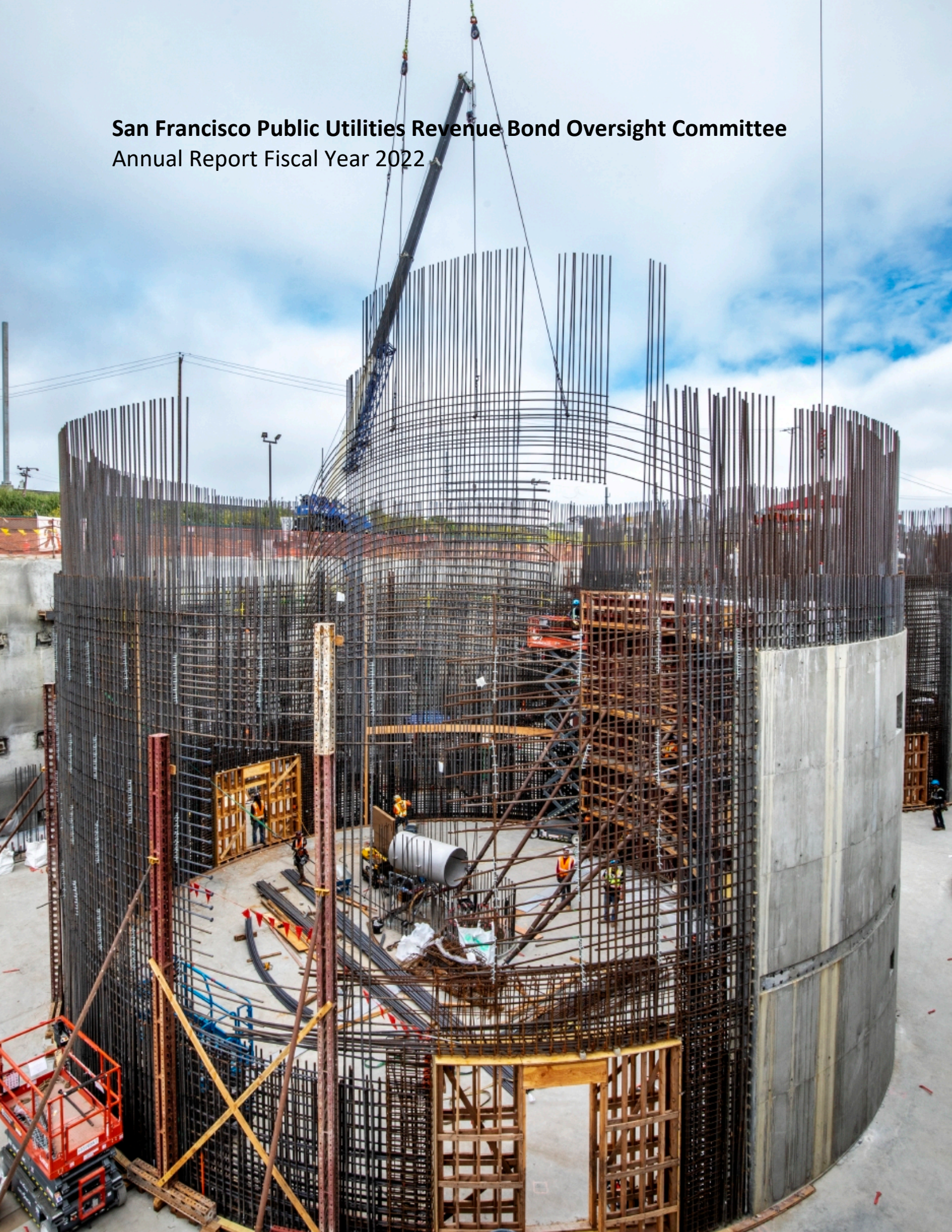


**San Francisco Public Utilities Revenue Bond Oversight Committee
Annual Report Fiscal Year 2022**



Background

In November 2003, the Public Utilities Revenue Bond Oversight Committee (RBOC) was formed after passage of Proposition P in November 2002, adding Sections 5A.30 through 5A.36 to the San Francisco Administrative Code. The RBOC facilitates transparency and provides independent oversight to ensure accountability in the expenditure of revenue bond proceeds. The public is invited and welcome to attend RBOC meetings and provide input.

Pursuant to Administrative Code, Section 5A.36, the RBOC is charged with providing independent oversight of the expenditure of public utility revenue bond proceeds for capital improvements. The committee helps ensure an uninterrupted supply of water, power, and wastewater treatment services to the City and County and San Francisco Public Utilities Commission (SFPUC) customers by ensuring that public dollars are spent in accordance with the authorizing bond resolutions and applicable laws.

After conducting an independent audit, and consulting with the City Attorney, the RBOC may determine that proceeds of a revenue bond program were not utilized for purposes authorized in accordance with the associated bond resolution or applicable law. It may be further determined that this surmounts to an illegal expenditure or waste of such revenue bonds. By majority vote, the RBOC may prohibit the further issuance or sale of authorized revenue bonds by the SFPUC.

Any RBOC decision to prohibit the sale of authorized but unsold revenue bonds may be appealed to the Board of Supervisors. The SFPUC can provide evidence of corrective measures to the Board, and the Board may decide to overturn the decision by the RBOC, upon a two-thirds vote of all of its members. To date, the RBOC has not found waste or illegality with respect to the expenditure of revenue bonds.

The SFPUC continues to incur bonded indebtedness to finance capital improvements related to its two major enterprises, the Water and Sewer systems. Each of these enterprises have embarked on major system improvement programs, which were expected to be completed in 2021 and beyond, respectively. The SFPUC will also from time to time issue revenue bonds to finance improvements to the Power Enterprise.

The provisions of Proposition P were set to expire on January 1, 2013, unless extended by an ordinance of the Board of Supervisors. In 2012, the Board extended the sunset date to January 1, 2016, (see Ordinance No. 236-12, BOS File No. 120221). In 2015, the SFPUC submitted, and the Board of Supervisors approved, a resolution supporting the extension of the RBOC until January 1, 2019. On December 11, 2018, the Board of Supervisors approved Ordinance No. 309-18, BOS File No. 180123, extending the RBOC through January 1, 2025.

Mission Statement

The RBOC monitors the expenditure of revenue bond proceeds related to the repair, replacement, upgrade and expansion of the SFPUC's water, power and sewer infrastructure. The RBOC provides independent oversight to ensure transparency and accountability. The goal of the RBOC is to ensure that SFPUC revenue bond proceeds are spent for their intended purposes in accordance with legislative authorization and other applicable laws.

Committee Membership

The RBOC is comprised of seven members:

- Two seats appointed by the Mayor ¹
- Two seats appointed by the Board of Supervisors
- One seat appointed by the City Controller ²
- One seat appointed by the Bay Area Water User's Association (BAWUA), under the auspices of the Bay Area Water Supply and Conservation Agency (BAWSCA)
- One seat shall be the Budget and Legislative Analyst or his/her representative

At a minimum, the members appointed by the Mayor and by the Board of Supervisors shall, individually or collectively, have expertise, skills and experience in economics, the environment, construction, and project management. The member appointed by the Controller shall have background and experience in auditing, accounting, and project finance. Appendix I includes the biographies of RBOC members serving as of June 30, 2022.

Introduction

The purpose of this report is to detail the activities of the RBOC for fiscal year 2021-2022 covering the period from July 2021 to June 2022 (reporting period). In the past the RBOC published annual reports on a calendar year basis, it has now aligned with the fiscal year adopted by the City and County of San Francisco.

Initiatives

During the reporting period, the RBOC focused on the following initiatives:

- Completed performance audit of six bond series from the 38 bond series subject to RBOC oversight as of June 30, 2022, three each from the Water and Wastewater Enterprises for a total of \$2 billion in expenditures.
- Reviewed progress of Water System Improvement Program (WSIP) and Sewer System Improvement Program (SSIP) with particular focus on the accuracy of budgeting and scheduling forecasts and continued attention to ensuring that lessons learned from the WSIP are applied during implementation of the SSIP.
- Heard presentations from SFPUC staff on results of bond sales and updates on the Water Infrastructure Finance and Innovation Act (WIFIA) loan transaction.
- Monitored the outcome of bond sales and ongoing debt plans.
- Visited the Southeast Treatment Plant.

See Meeting Summaries in Appendix II for specific topics covered in RBOC meetings.

¹ Effective June 23, 2022, the Mayor appointed Claire Veuthey to one vacancy; one seat remained vacant as of June 30, 2022.

² Vacant

Audit Overview

In 2019 RBOC engaged the City Services Auditor (CSA) to source an audit firm. The CSA engaged HKA Global Inc. (HKA) and, its subcontractor Yano Accountancy Corporation (YAC) to conduct the audit. The objective of the audit was to determine whether revenue bond funds were spent in accordance with the stated purposes and permissible use of such bonds. The audit report is titled Performance Audit of Select Revenue Bond Expenditures, it is dated December 23, 2021, and it is publicly available on the websites of the SFPUC and the Office of the Controller.

The audit concluded that revenue bond expenditures were spent appropriately. The audit report included two findings and two recommendations.

- The RBOC did not have adequate visibility over bond proceeds. The audit report recommended improved reporting on bond proceeds available for expenditure, and summaries of expenditures by project and funding source.
- The SFPUC Quality Assurance Audit function was not operational from June 2017 through November 2020. The audit report recommended compliance with existing project management procedures to perform quality assurance audits during all main phases of a project's lifecycle.

As part of the audit process, the CSA recommended that the SFPUC: (i) comply with its record retention policy regarding bond-related documents, and (ii) ensure that relevant staff understand the requirements of the department's record retention policy to maintain the completeness of bond-related documents.

Future Initiatives

The RBOC plans to cover the following initiatives in the next fiscal year:

- Hold hearings to ensure follow-up on action items identified by the audits.
- Initiate and complete new performance audits of revenue bond expenditures.
- Monitor completion of the WSIP and other major Water Enterprise capital projects.
- Review planned and completed projects of the SSIP.
- Visit project sites funded by SFPUC revenue bond expenditures.
- Explore engaging consultants to examine the performance of completed projects.
- Ensure the continuity of oversight through member succession planning.
- Improve outreach to ensure greater public awareness and input related to the SFPUC's expenditure of revenue bond proceeds.

Outstanding Revenue Bonds

As of June 30, 2022 the SFPUC had \$6.8 billion in Revenue Bonds. See Appendix III for details.

Debt Issuance

During the reporting period the SFPUC issued \$1.1 billion in new revenue bonds and notes, and a parity state loan, this amount includes new net debt and refinancing of old debt. See Appendix IV for details.

Bond Expenditure Certification

As part of its mission, the RBOC asks SFPUC staff to affirm that all bond proceeds are spent “appropriately and according to authorization and applicable laws.” Please see Appendix V for the “Bond Expenditure Certification”.

RBOC Account Summary

Pursuant to Proposition P, the RBOC receives 1/20th of 1% of gross revenue bond proceeds to fund the cost of retaining the services of “outside auditors, inspectors and necessary experts to perform independent reviews”. As of June 30, 2022, RBOC had an available account balance of \$2.2 million. A complete accounting of RBOC funds can be found in Appendix VI.

Acknowledgements

The RBOC would like to express its appreciation to the SFPUC staff and others for facilitating the tasks of the committee. Specifically, the committee would like to acknowledge the following staff:

San Francisco Public Utilities Commission - General Manager Dennis Herrera, CFO and Assistant General Manager of Business Services Nancy Hom, Deputy CFO Charles Perl, Water Enterprise Assistant General Manager Steven Ritchie, Director, Water Capital Projects and Programs Katie Miller, Program Management Bureau Manager Howard Fung, Assistant General Manager of Infrastructure Stephen Robinson, Sheena Johnson, Edward Kwong, Frank McParland, Erin Franks, as well as former SFPUC members Eric Sandler, Richard Morales, Mike Brown and Kristina Cordero.

City Attorney’s Office - Deputy City Attorney Mark Blake.

Controller’s Office – Winnie Woo, Massanda Djohns, Hunter Wang, and former Audit Director Tonia Lediju.

From the Board of Supervisors, the RBOC wishes to thank Assistant Clerks Victor Young and Brent Jalipa, for technical and administrative support.

This report was approved by RBOC on March 14, 2023

Appendix I – Biographies of RBOC Members



Ettore Leale (Chair)

Appointed by the Board of Supervisors (Seat 1)

Appointed on *1/28/2020* (Term expires on *11/12/2023*)

Ettore Leale is an executive and investor in the internet and software industries. Currently he leads mergers and acquisitions, and ESG engagement with institutional investors at Udemy, an online learning and teaching marketplace. His board of directors experience includes serving on audit, risk, and compensation committees of companies in the United States, Europe, and India. At present he serves on the board of directors of Expert.ai, a provider of natural language processing solutions, and the San Francisco Fire Credit Union, a community financial institution. He earned an MBA from Harvard Business School, and a BA from the School International Service at American University in Washington DC.



Lars Kamp

Appointed by the Board of Supervisors (Seat 2)

Appointed on *March 15, 2021* (Term expires on *11/12/2024*)

Lars Kamp is a co-founder and CEO of Some Engineering Inc., a San Francisco-based software start-up. He's been a start-up operator and founder for the past ten years. As a founder, he's raised both debt and equity financing, and managed global P&Ls. He began his career at Accenture in 2001, where he worked out of Accenture's offices in Vienna, Rome and Seoul. He joined Accenture's San Francisco office in 2006. Lars' work with Accenture clients comprised the planning, financing and roll-out of global communication and cloud computing infrastructure, with multi-\$B capital budgets. The operation of data center infrastructure dealt with the sustainable use of water for cooling systems, as well as developing strategies for long-term water resilience. Lars has a Master's Degree in Economics and Business Administration from Passau University, Germany. He's fluent in German, Italian and French. Lars lives with his family in the Presidio (District 2).



Claire Veuthey

Appointed by the Mayor (Seat 4)

Appointed on 6/23/2022 (Term expires on November 12, 2024)

As Founder at Rizoma Ventures, Claire Veuthey works with asset managers on integrating ESG and impact into their investment work. She served as Head of ESG at OpenInvest (acquired by JPMorgan), Head of ESG on the Social Impact Investing team at Wells Fargo, and held other positions at Sustainalytics and MSCI. She also served as a Technical Advisor to the Sustainable Accounting Standards Board (SASB). Claire holds an MBA from Berkeley-Haas, an MA from King’s College London, and a Licence from the Graduate Institute of International and Development Studies in Geneva.



Christina Tang

Appointed by BAWSCA (Seat 6)

Appointed on 7/1/2014, Reappointed on 2/06/2019 (Term expires on 11/12/2023)

Finance Manager for the Bay Area Water Supply and Conservation Agency (BAWSCA) representing its 26 members’ collective interests in their relationship with the SFPUC on matters related to water supply, facility reliability, operations, water quality and wholesale water rates. Christina has over 15 years of experience in public finance, including direct experience in debt management. Christina received her Master of Science degree in Finance from the University of Houston, and her Master of Public Administration from the University of Illinois at Springfield. Christina is a certified Public Finance Officer designated by GFOA.



Reuben Holober

Appointed by the Budget and Legislative Analyst's Office (Seat 7)
Appointed on 11/19/ 2019 (Indefinite Term)

As an Analyst for the San Francisco Board of Supervisors Budget and Legislative Analyst's Office, Reuben conducts legislative and policy analysis, budget review, and performance audits. Reuben holds a Bachelor's Degree in Political Science and Communication from the University of Washington and a Master's Degree in Public Policy from the Goldman School of Public Policy at UC Berkeley.

Appendix II – Meeting Summaries

The RBOC held twelve meetings and completed one site visit during the reporting period. Below is a summary of agenda topics. Full agendas and minutes for each meeting are available at:

<https://sfpuc.org/about-us/boards-commissions-committees/revenue-bond-oversight-committee>

- August 17, 2021
 - Audit Updates
 - By-Law Amendments – Annual Report “Reporting Period”
 - Wastewater Capital Program Update

- September 14, 2021
 - Audit Updates
 - By-Law Amendments – Annual Report “Reporting Period”
 - Water Infrastructure Update

- October 19, 2021
 - Audit Updates
 - Planning for next requests for proposal for contracts to acquire a consultant to examine project performance and other related audit services
 - Water Infrastructure Update

- November 16, 2021
 - Audit Updates
 - Planning for next requests for proposal for contracts to acquire a consultant to examine project performance and other related audit services

- December 14, 2021
 - Audit Updates
 - Water Infrastructure Update
 - Planning for next requests for proposal for contracts to acquire a consultant to examine project performance and other related audit services

- January 11, 2022
 - Audit Updates
 - Planning for next requests for proposal for contracts to acquire a consultant to examine project performance and other related audit services

- February 15, 2022
 - Performance Audit of Select Revenue bonds expenditures (December 23, 2021)
 - Planning for next requests for proposal for contracts to acquire a consultant to examine project performance and other related audit services
 - Report – Audit process, Confidentiality, and procedures

- March 8, 2022
 - Hearing on Findings No. 1 of the RBOC Performance Audit
 - RBOC Audit – Overview of process, confidentiality, procedures, and City Services Auditor (CSA) engagement framework
 - Planning for next RBOC audit – Presentation by CSA and HKA/Yano

- April 19, 2022
 - Bond Issuance Update
 - Hearing on Finding No. 2 of the RBOC Performance Audit
 - Planning for the next RBOC audit

- May 17, 2022
 - Hearing on Findings No. 1 of the RBOC Performance Audit
 - Planning for the next RBOC audit

- May 26, 2022
 - Site Tour – Southeast Treatment Plant

- June 14, 2022
 - Planning for the next RBOC audit
 - Planning for the 2021-2022 RBOC Annual Report

Appendix III – SFPUC Outstanding Debt Summary

Summary of Enterprise Debt Programs
(as of June 30, 2022)

	Water	Wastewater	Power
Outstanding Debt			
Revenue Bonds and Notes	\$4.6B	\$2.1B	\$160M
SRF/WIFIA Loans			
• Executed	\$424M	\$1.5B	----
• Outstanding*	\$122M	\$303M	
Tax Credit Bonds	----	----	\$5.2M
Commercial Paper:			
• Authorized	\$500M	\$750M	\$250M
• Outstanding	\$206M	\$379M	\$40M
Credit Ratings			
Long-Term	Aa2/AA-	Aa2/AA	AA/AA-
Short-Term	P-1/A-1	P-1/A-1+	F1+/A-1

*May include amounts requested but not yet received. Net of grants, if applicable.

Outstanding SFPUC Bonds (as of June 30, 2022)	RBOC	Issue Date	Maturity Date	Original Par (\$000s)	Outstanding Principal (\$000s)	Notes (All dollars in 000s)
WATER						
2010 Revenue Bonds, Series B	Yes	06/17/10	11/01/40	\$417,720	\$349,170	Build America Bonds (BABs); TIC is net of subsidy (WSIP)
2010 Revenue Bonds, Series E	Yes	08/04/10	11/01/40	\$344,200	\$344,200	Build America Bonds (BABs); TIC is net of subsidy. (WSIP)
2010 Revenue Bonds, Series G	Yes	12/22/10	11/01/50	\$351,470	\$351,470	Build America Bonds (BABs); TIC is net of subsidy (WSIP)
2015 Revenue Bonds, Series A	No	04/16/15	11/01/36	\$429,600	\$382,420	Refunded all outstanding 2006A bonds and a portion of 2009A Bonds (WSIP)
2016 Revenue Bonds, Series A	No	10/20/16	11/01/39	\$763,005	\$719,735	Partially refunded 2009A, 2009B, and 2010F Bonds (WSIP)
2016 Revenue Bonds, Series B	No	10/20/16	11/01/30	\$130,815	\$71,510	Fully refunded 2006B, 2006C, and partially refunded 2010A Bonds
2016 Revenue Bonds, Series C (Green)	Yes	12/14/16	11/01/46	\$259,350	\$231,230	Taxable refunding of \$237M outstanding CP and \$20 million new money proceeds (WSIP)
2017 Revenue Bonds, Series A (Green)	Yes	12/13/17	11/01/47	\$121,140	\$27,000	Fund WSIP
2017 Revenue Bonds, Series B	Yes	12/13/17	11/01/47	\$147,725	\$32,930	Fund Water Enterprise Capital
2017 Revenue Bonds, Series C	Yes	12/13/17	11/01/47	\$70,675	\$15,750	Improvements to water-related infrastructure of the Hetch Hetchy Water and Power system
2017 Revenue Bonds, Series D (Green)	No	12/28/17	11/01/35	\$350,305	\$346,795	Partially refunded 2011A, and 2012A (WSIP)
2017 Revenue Bonds, Series E	No	12/28/17	11/01/31	\$48,890	\$48,890	Partially refunded 2011C, 2011D and 2012C
2017 Revenue Bonds, Series F	No	12/28/17	11/01/31	\$8,705	\$8,705	Partially refunded 2011B
2017 Revenue Bonds, Series G (Green)	No	12/28/17	11/01/24	\$33,780	\$31,960	Partially refunded 2011A (WSIP)
2019 Revenue Bonds, Series A (Green)	No	01/09/20	11/01/43	\$622,580	\$591,320	Taxable Advance Refunding
2019 Revenue Bonds, Series B	No	01/09/20	11/01/41	\$16,450	\$16,385	Taxable Advance Refunding
2019 Revenue Bonds, Series C	No	01/09/20	11/01/41	\$17,925	\$17,850	Taxable Advance Refunding
2020 Revenue Bonds, Series A (Green)	Yes	09/23/20	11/01/50	\$150,895	\$150,895	Retired \$180M in outstanding TE Water CP for WSIP Projects.
2020 Revenue Bonds, Series B	Yes	09/23/20	11/01/50	\$61,330	\$61,330	For Non-WSIP Regional CIP
2020 Revenue Bonds, Series C	Yes	09/23/20	11/01/50	\$85,335	\$85,335	For Non-WSIP Local CIP
2020 Revenue Bonds, Series D	Yes	09/23/20	11/01/50	\$49,200	\$49,200	Retired approx. \$49M in outstanding HHW CP.
2020 Revenue Bonds, Series E (Green)	No	10/21/20	11/01/43	\$341,435	\$335,535	Refunded and partially refunded 2010D, 2012A, 2017A
2020 Revenue Bonds, Series F	No	10/21/20	11/01/47	\$136,880	\$135,455	Partially Refunded 2017B
2020 Revenue Bonds, Series G	No	10/21/20	11/01/43	\$120,585	\$114,765	Refunded and partially refunded 2010D, 2011D, 2012B, 2012C
2020 Revenue Bonds, Series H	No	10/21/20	11/01/47	\$65,495	\$64,815	Partially Refunded 2017C
Total Bonds - Water				\$5,208,060	\$4,584,650	

WASTEWATER						
2010 Revenue Bonds, Series B	Yes	06/08/10	10/01/40	\$192,515	\$192,515	Build America Bonds (BABs).
2013 Revenue Bonds, Series A (Refunding)	No	01/30/13	10/01/25	\$193,400	\$13,665	Refunded 2003A Bonds and SRF loans
2013 Revenue Bonds, Series B (New Mon)	Yes	02/27/13	10/01/42	\$331,585	\$183,665	Funded FY2010-11, FY2011-12 and a portion of FY2012-13 projects
2016 Revenue Bonds, Series A (Green)	Yes	05/24/16	10/01/46	\$240,580	\$240,580	Fund a portion of SSIP "Green" infrastructure projects and refund ~ \$53.4M of outstanding CP
2016 Revenue Bonds, Series B	Yes	05/24/16	10/01/46	\$67,820	\$67,820	Fund a portion of SSIP projects and refund ~\$20.6M of outstanding CP (spent primarily on R&R)
2018 Revenue Bonds, Series A (Green)	Yes	08/09/18	10/01/43	\$229,050	\$229,050	Fund SSIP
2018 Revenue Bonds, Series B	Yes	08/09/18	10/01/43	\$185,950	\$185,950	Fund Wastewater Enterprise capital
2018 Revenue Bonds, Series C (Green)	Yes	08/09/18	10/01/48	\$179,145	\$179,145	Fund a portion of SSIP projects and refund a portion of ~\$20.6M of outstanding CP
2021 Revenue Bonds, Series A (Green)	Yes	11/29/21	10/01/51	\$260,835	\$260,835	Refund a portion of outstanding CP
2021 Revenue Bonds, Series B	Yes	11/29/21	10/01/51	\$37,045	\$37,045	Refund a portion of outstanding CP
2021 Revenue Notes, Series A (Green)	No	11/29/21	10/01/25	\$218,355	\$218,355	Fund a portion of BDFP (Biosolids); to be remarketed or retired by WIFIA Loan.
2021 Revenue Notes, Series B (Green)	No	11/29/21	10/01/26	\$129,110	\$129,110	by WIFIA Loan.
2022 Revenue Bonds, Series B	No	07/06/22	10/01/34	\$137,080	\$137,080	Refund a portion of outstanding 2013A and 2013B Bonds. Settlement on 07/06/2022.
Total Bonds - Wastewater				\$2,402,470	\$2,074,815	
POWER						
2015 Revenue Bonds, Series A (Green)	Yes	05/20/15	11/01/45	\$32,025	\$32,025	Power Revenue Bonds ("Green")
2015 Revenue Bonds, Series B	Yes	05/20/15	11/01/26	\$7,530	\$3,735	Power Revenue Bonds
2021 Revenue Bonds, Series A (Green)	Yes	12/21/21	11/01/51	\$74,280	\$74,280	Power Revenue Bonds ("Green")
2021 Revenue Bonds, Series B	Yes	12/21/21	11/01/51	\$49,720	\$49,720	Power Revenue Bonds
Total Bonds - Power (Senior)				\$163,555	\$159,760	
Tax Credit Bonds						Investors receive a tax credit in lieu of interest payment
2008 Cl. Renewable Energy Bonds	Yes	11/07/08	12/15/22	\$12,391	\$422	Installation of solar energy equipment on City-owned facilities (12/15 payment dates)
2012 New Cl. Renewable Energy Bonds	Yes	04/25/12	04/25/28	\$6,600	\$0	Solar and micro-hydro energy projects - prepaid 2.5M July 2015 (10/25 & 4/25 payment dates)
2011 Qualified Energy Cons. Bonds	Yes	12/15/11	12/15/27	\$8,291	\$3,138	Components of 525 Golden Gate that promote energy conservation (12/15 & 6/15 payment dates)
2015 New Cl. Renewable Energy Bonds	Yes	10/15/15	10/25/32	\$4,100	\$1,636	Two qualified solar equipment projects (10/25 & 4/25 payment date.)
Total - CREBs, NCREBS, QECBs				\$24,782	\$5,196	

SAN FRANCISCO PUBLIC UTILITIES COMMISSION**Water Enterprise****Summary of Unexpended Revenue Bond Proceeds****All Years, as of June 30, 2022***by enterprise, bond series*

Funding Source	Available Proceeds	Capital Expenditures	Unexpended Proceeds
Water			
2006A Bond Series	\$ 478,491,519	\$ 478,491,519	\$ -
2009A Bond Series	372,859,467	372,859,467	0
2009B Bond Series	384,070,056	384,070,056	(0)
2010A Bond Series	60,134,844	60,134,854	(10)
2010B Bond Series	370,069,468	370,069,468	(0)
2010D Bond Series	73,533,607	73,533,607	0
2010E Bond Series	307,368,499	307,358,148	10,351
2010F Bond Series	153,607,721	153,607,721	-
2010G Bond Series	295,821,487	295,775,272	46,215
2011A Bond Series	526,580,793	526,349,498	231,295
2011B Bond Series	28,299,454	27,940,480	358,974
2011C Bond Series	34,530,015	32,825,551	1,704,464
2012A Bond Series	540,584,813	540,289,008	295,805
2012B Bond Series	15,758,420	15,750,000	8,420
2015A Bond Series	12,330,182	830,239	11,499,943
2016A Bond Series	(2,620,869)	10,709,230	(13,330,099)
2016B Bond Series	13,702	-	13,702
2016C Bond Series	20,636,717	20,507,042	129,675
2016R 2016AB Reserve Release	84,741,618	84,741,618	-
2017A Bond Series	65,580,860	65,383,335	197,526
2017B Bond Series	159,463,730	147,098,097	12,365,633
2017C Bond Series	30,126,069	30,000,000	126,069
2020B Bond Series	70,260,517	68,834,043	1,426,474
2020C Bond Series	95,834,631	75,864,839	19,969,792
CP2 Commercial Paper	140,876,368	140,875,468	900
CP3 Commercial Paper	225,433,743	225,306,822	126,921
CP4 Commercial Paper	180,058,644	161,451,645	18,606,999
TOTAL	\$ 4,724,446,075	\$ 4,670,657,028	\$ 53,789,048

Notes: Refunded revenue bonds without new proceeds are excluded, SRF and WIFIA funds are also excluded. CP2 retired by 2017A, CP3 retired by 2016C, and CP4 retired by 2019A.

Source data: PeopleSoft BI, extract date: 2022-08-15

Prepared by: SFPUC Finance - Financial Reporting & Analysis Division

SAN FRANCISCO PUBLIC UTILITIES COMMISSION

Water Enterprise
Detailed Summary of Available Revenue Bond Proceeds
All Years, as of June 30, 2022
by enterprise, bond series

	Official Statements (Proceeds)	Adjustment*	Actual Deposits	Debt Service Reserve Releases	Net Investment Earnings	Available Proceeds
Water						
2006A Bond Series	\$ 338,600,817	\$ 120,401,670	\$ 459,002,486		\$ 19,489,033	\$ 478,491,519
2009A Bond Series	139,209,860	229,948,665	369,158,525		3,700,942	372,859,467
2009B Bond Series	377,777,834	268,728	378,046,562		6,023,494	384,070,056
2010A Bond Series	58,747,600	28,473	58,776,073		1,358,771	60,134,844
2010B Bond Series	364,757,301	208,860	364,966,161		5,103,307	370,069,468
2010D Bond Series	72,243,230	35,680	72,278,910		1,254,697	73,533,607
2010E Bond Series	300,445,570	172,100	300,617,670		6,750,829	307,368,499
2010F Bond Series	149,727,858	90,480	149,818,338		3,789,383	153,607,721
2010G Bond Series	288,251,899	175,735	288,427,634		7,393,853	295,821,487
2011A Bond Series	525,000,000	301,358	525,301,358		1,279,435	526,580,793
2011B Bond Series	27,710,000	14,488	27,724,488		574,967	28,299,454
2011C Bond Series	33,772,250	16,798	33,789,048		740,967	34,530,015
2012A Bond Series	530,000,000	(5,918)	529,994,082		10,590,731	540,584,813
2012B Bond Series	15,750,000	8,260	15,758,260		160	15,758,420
2015A Bond Series	15,958,031	-	15,958,031		(3,627,849)	12,330,182
2016A Bond Series	-	71,914	71,914	3,130,343	(5,823,126)	(2,620,869)
2016B Bond Series	-	13,005	13,005		697	13,702
2016C Bond Series	19,975,000	267,736	20,242,736		393,981	20,636,717
2016R 2016AB Reserve Release	-	-	-	83,750,500	991,118	84,741,618
2017A Bond Series	65,500,000	197,526	65,697,526		(116,665)	65,580,860
2017B Bond Series	150,000,000	-	150,000,000		9,463,730	159,463,730
2017C Bond Series	15,000,000	15,000,000	30,000,000		126,069	30,126,069
2020B Bond Series	69,643,720	-	69,643,720		616,797	70,260,517
2020C Bond Series	94,987,974	-	94,987,974		846,657	95,834,631
CP2 Commercial Paper	-	140,000,737	140,000,737		875,631	140,876,368
CP3 Commercial Paper	-	224,000,000	224,000,000		1,433,743	225,433,743
CP4 Commercial Paper	-	179,410,284	179,410,284		648,360	180,058,644
Total	\$ 3,653,058,944	\$ 910,626,578	\$ 4,563,685,522	\$ 86,880,843	\$ 73,879,711	\$ 4,724,446,075

* Adjustments include RBOC fees, amounts issued and transferred to HHW, reserve release, cost of issuance (COI) return from Fiscal Agent, WSIP related revenue entries,
Source data: PeopleSoft BI, extract date: 2022-08-15
Prepared by: SFPUC Finance - Financial Reporting & Analysis Division

SAN FRANCISCO PUBLIC UTILITIES COMMISSION

Water Enterprise
 Summary of revenue Bond Expenditures
 All Years, as of June 30, 2022
 by enterprise, authority, bond series

	2006A Bond Series	2009A Bond Series	2009B Bond Series	2010A Bond Series	2010B Bond Series	2010D Bond Series	2010E Bond Series	2010F Bond Series	2010G Bond Series	2011A Bond Series	2011B Bond Series	2011C Bond Series	2012A Bond Series	2012B Bond Series
Water														
10005 Closed at Go Live	\$ 173,543,680	\$ 90,578,895	\$ 19,839,961	\$ -	\$ 17,756,629	\$ 677,251	\$ 3,399,094	\$ -	\$ -	\$ 939,584	\$ -	\$ -	\$ -	\$ 15,750,000
15429 UW Local Water R&r Program	-	-	-	-	-	-	-	-	-	-	-	-	485,169	-
15430 UW Main Replacement Program	-	-	-	-	-	-	-	-	-	-	-	-	26,089,610	-
15432 UW New Services	-	-	-	-	-	-	-	-	-	-	-	-	5,554,269	-
15433 UW Renew Services	-	-	-	-	-	-	-	-	-	-	-	-	696,502	-
15479 UW Regional Water Treatment Pr	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15480 UW Tesla Uv Facility	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15481 UW Sunol Valley Water Treatmen	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15482 UW Htwtpl & West Bay Fields	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15488 UW Pipeline Improvements	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15516 UW Buildings & Grounds - Regio	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15517 UW Sunol Long Term Improvement	-	-	-	-	-	-	3,983,783	-	-	-	-	-	-	-
15519 UW Millbrea Yard	-	-	-	-	-	-	10,555	-	1,981,763	-	-	-	-	-
15526 UW Local Water Conveyance-dist	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15527 UW New Services	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15528 UW Renew Services	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15530 UW Large Meter Program	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15531 UW Pipeline Replacement	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15534 UW Systems Monitoring & Contro	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15535 UW Systems Monitoring & Contro	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15536 UW Communications	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15537 UW Controls	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15539 UW College Hill Reservoir Outl	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15540 UW Sunset Reservoir South Basi	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15541 UW University Mound Improvemen	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15542 UW Chlorine Trim Station Repai	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15545 UW Lake Merced Pump Station Fu	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15546 UW Bay Bridge West Pump Statio	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15547 UW Harding Park Pump Station	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15548 UW Merced Manor Reservoir Faci	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15549 UW Long Term Monitoring & Perm	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15550 UW Alameda Watershed Monitorin	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15551 UW Peninsula Watershed Monitor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15552 UW Wslp Bond-commercial Paper	5,142,033	3,863,075	4,716,980	-	3,728,004	215,383	3,721,698	-	-	9,747,531	-	-	9,624,225	-
15553 UW Revenue Bond Oversight Comm	-	32,837	39,053	-	-	-	-	-	-	-	-	-	-	-
15555 UW Lake Merced Water Level Res	5,409,545	1,550,141	112,495	-	1,059	4,477	2,973	-	26,463	111,829	-	-	284,392	-
15556 UW San Francisco Groundwater S	2,485,419	2,011,934	2,392,422	-	2,477,327	125,138	580,531	-	-	2,969,770	-	-	30,426,478	-
15557 UW Regional Groundwater Stora	2,558,786	3,272,097	2,713,716	-	3,071,053	391,419	3,488,203	-	25,096	7,776,514	-	-	41,594,226	-
15558 UW Recycled Water Project	5,920,209	2,842,818	1,918,209	-	3,181,344	66,725	(281)	-	-	542,381	-	-	-	-
15559 UW Harding Park Recycled Water	44,428	983,444	544,268	-	3,024,842	594,591	471,711	-	-	960,750	-	-	350	-
15560 UW Recycled Water Project - Ea	-	(833)	70,102	-	974,024	75,231	198,469	-	-	941,453	-	-	61,923	-
15561 UW Lake Merced Pump Station Up	3,894,336	7,151,502	20,304,925	-	7,904,456	543,299	3,895,752	-	8,168	5,003,529	-	-	1,189,537	-
15562 UW Forest Hill Pump Station Up	-	414,429	652,480	-	732,610	127,862	1,927,957	-	-	2,670,422	-	-	32,633	-
15563 UW McLaren Park Pump Station U	3,888,391	24,557,987	1,004,155	-	280,627	62,353	131,850	-	-	12,927	-	-	-	-
15564 UW Sutro Res - Rehab-seismic U	509,502	1,267,007	562,555	-	2,980,366	174,859	19	-	-	19,890,223	-	-	15,009,305	-
15565 UW Bdpl #1&2 Repair Of Caisson	1,001,800	-	-	-	-	-	-	-	-	-	-	-	-	-
15566 UW Upper Alameda Creek Filter	1,217,538	1,161,981	846,383	-	1,276,321	87,340	432,736	-	-	743,388	-	-	3,751,611	-
15567 UW Seismic Upgrade Bdpl @ Hayw	22,568,953	1,547,420	11,038	-	-	-	-	-	-	-	-	-	-	-
15568 UW Seismic Bdpl @ Hayward Faul	2,462,182	5,133,363	3,067,269	-	2,192,870	121,636	2,204,725	-	-	28,569,477	-	-	23,925,377	-
15569 UW Lower Crystal Springs Dam I	4,108,963	4,952,118	2,158,867	-	9,564,509	4,821,737	8,029,519	-	-	1,961,021	-	-	14,216	-
15570 UW New Crystal Springs Bypass	30,304,058	37,092,752	4,826,752	-	7,254,330	846,635	658,879	-	-	49,855	-	-	-	-
15571 UW Sunset Res - Upgrade-rehab	51,575,246	12,732,311	234,529	-	146	125	125,429	-	-	41,281	-	-	-	-
15572 UW New Irvington Tunnel	15,057,846	13,235,307	17,710,596	-	57,076,541	14,291,707	65,452,459	-	-	126,757,458	-	-	24,365,427	-
15573 UW Alameda Siphon #4	5,386,860	13,970,553	14,735,753	-	2,339,179	1,415,383	6,414,941	-	-	1,525,354	-	-	921	-
15574 UW Sunol Quarry Reservoirs	79,923	-	-	-	-	-	-	-	-	-	-	-	-	-
15575 UW Laguna Creek Sedimentation	481,628	53,039	10,000	-	-	-	-	-	-	-	-	-	-	-
15576 UW Instalation Of Scada System	794,998	4,061,975	3,249,336	-	986,720	23,700	-	-	-	602,476	-	-	-	-
15577 UW Security Systems Upgrades	1,713,334	1,410,292	649,551	-	1,052,332	125,244	1,112,774	-	-	3,603,949	-	-	2,811,455	-
15578 UW Htwtpl Long Term Improvement	4,837,260	12,891,966	12,916,867	-	10,332,603	3,056,046	7,287,708	42,799,226	57,223,801	13,416,559	-	-	64,859,876	-
15579 UW Peninsula Pipeline Seismic	-	1,100	987,475	-	1,766,526	171,336	1,245,532	-	-	4,495,048	-	-	30,876,207	-
15580 UW Bdpl Reliability Upgrade -	(0)	8,397,528	30,520,443	-	29,727,757	66,847	30,598,904	-	-	71,037,620	-	-	28,181,497	-
15581 UW Bdpl Reliability - Pipeline	8,796,002	9,385,071	66,372,606	-	38,642,142	6,635,317	26,160,581	-	-	16,427,196	-	-	3,132,416	-
15582 UW Crystal Springs Ps & Cs-sa	7,218,897	12,872,965	4,922,119	-	19,647,925	6,257,317	35,114,397	-	-	66,195,719	-	-	41,068,344	-
15583 UW U Mound Res - Upgrade (nort	2,891,221	6,534,162	25,622,492	-	7,511,562	286,730	1,228,965	-	-	355,181	-	-	-	-
15584 UW San Joaquin Pipeline System	15,047,387	16,053,371	11,602,852	-	31,148,950	13,158,435	23,406,183	31,587,381	61,716,032	1,952,413	-	-	3,625,650	-
15585 UW Rehab Existing San Joaquin	7,148,413	4,650,783	7,371,937	-	1,997,461	208,414	511,970	-	-	198,367	-	-	64,027	-
15586 UW Calaveras Dam Replacement	24,372,855	14,106,213	8,028,733	-	19,713,082	2,560,283	8,661,311	79,130,633	174,618,215	16,756,298	-	-	184,012,380	-
15587 UW San Antonio Backup Pipeline	1,816,946	3,794,684	1,662,299	-	1,982,241	193,077	2,049,672	-	-	27,380,648	-	-	16,283,335	-
15588 UW Mountain Tunnel Lining (het	38,627	-	-	-	-	-	-	-	-	-	-	-	-	-
15589 UW Early Intake Res -adj Weir	87,450	-	-	-	-	-	-	-	-	-	-	-	-	-
15590 UW Crystal Springs Pl #2 Repla	5,839,591	3,568,573	2,131,608	-	7,804,409	6,958,428	15,642,410	-	-	15,506,106	-	-	461,809	-
15591 UW San Andreas #3 Pipeline Ins	4,382,149	3,176,549	18,583,726	-	2,046,476	16,967	180,598	-	-	129,229	-	-	-	-
15592 UW Bdpl No 3&4 Cross Connectio	2,982,862	5,264,399	6,533,151	-	1,808,499	1,344,925	9,519,848	-	-	3,096,146	-	-	215,300	-
15593 UW Swtwp Expansion-treated Wat	3,443,807	10,770,748	17,695,662	-	41,694,178	6,117,762	23,879,316	-	-	29,869,946	-	-	238,105	-
15594 UW Swtwp New Pipeline	90,892	21,287	3,317	-	-	-	-	-	-	-	-	-	-	-
15595 UW Foothill Tunnel Repairs (he	34,824	-	-	-	-	-	-	-	-	-	-	-	-	-
15596 UW Tesla Treatment Facility	4,088,706	45,232,974	40,128,766	-	15,150,028	749,086	4,702,604	-	-	4,801,494	-	-	984,278	-
15598 UW San Antonio Pump Station Up	1,077,014	1,969,944	7,945,871	-	1,845,833	206,859	207,929	-	-	33,224	-	-	1,420	-
15599 UW Environmental Impact Projec	8,468,434	(8,049,921)	-	-	-	-	-	-	-	-	-	-	-	-
15600 UW Habitat Reerve Prgram	988,976	3,339,062	4,395,656	-	6,355,827	604,408	7,862,948	-	-	36,717,475	-	-	11,369,094	-

SAN FRANCISCO PUBLIC UTILITIES COMMISSION

Water Enterprise
 Summary of revenue Bond Expenditures
 All Years, as of June 30, 2022
 by enterprise, authority, bond series

	2006A Bond Series	2009A Bond Series	2009B Bond Series	2010A Bond Series	2010B Bond Series	2010D Bond Series	2010E Bond Series	2010F Bond Series	2010G Bond Series	2011A Bond Series	2011B Bond Series	2011C Bond Series	2012A Bond Series	2012B Bond Series
15601 UW Vegetation Restoration Wsip	-	-	-	-	1,795	-	-	6	-	635,958	-	-	1,440,833	-
15603 UW Sfpuc-ebmud Intertie	7,081,267	553,364	1,089	-	1,518	-	444,146	-	-	193,563	-	-	-	-
15605 UW Baden And San Pedro Valve L	3,072,889	5,109,271	13,833,272	-	2,681,302	86,323	744,638	-	-	207,985	-	-	-	-
15606 UW Program Management Services	22,979,607	(21,873,662)	-	-	-	-	-	-	-	-	-	-	-	-
15607 UW Bdpl#4 Slip Lining - Pccp	1,211,454	748,982	45,730	-	-	-	-	-	-	-	-	-	-	-
15608 UW Watershed Environmental Imp	121,022	227,012	186,987	-	145,205	27,270	1,492,326	-	-	1,452,949	-	-	382,362	-
15612 UW Automated Meter Reading Sys	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15613 UW Automated Meter Reading Sys	-	-	-	60,106,382	-	-	-	-	-	-	-	-	-	-
15617 UW Building & Grounds Improvem	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15619 UW New Fuel Station Cdd	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15672 UW Bay Division Pipeline Upgra	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15673 UW Peninsula Water System Impr	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15674 UW San Joaquin Water Sys Impro	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15679 UW Sunol Valley Water System I	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17324 AD Puc Revenue Bond Oversight	223,310	236,598	206,000	28,473	208,860	35,680	172,100	90,480	175,735	69,199	-	-	-	-
17731 UB Non Wsip Water Bond-cp Expe	-	-	-	-	-	-	-	-	-	-	27,940,480	-	-	-
19656 UW Rollins Road Purchase	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20504 New Serices Connection Program	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20505 Town of Sunol Pipeline	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20711 Water Diversification Projects	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21392 Regional Water Treatment RNR	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21396 New CDD Headquarters	-	-	-	-	-	-	-	-	-	-	-	-	-	-
99999 FY16/17 Conversion	-	-	-	-	-	-	281	-	-	-	-	-	-	-
Total	\$ 478,491,519	\$ 372,859,467	\$ 384,070,056	\$ 60,134,854	\$ 370,069,468	\$ 73,533,607	\$ 307,358,148	\$ 153,607,721	\$ 295,775,272	\$ 526,349,498	\$ 27,940,480	\$ 32,825,551	\$ 540,289,008	\$ 15,750,000

Source data: PeopleSoft BI, extract date: 2022-08-15
 Prepared by: SFPUC Finance - Financial Reporting & Analysis Division

SAN FRANCISCO PUBLIC UTILITIES COMMISSIC

Water Enterprise
 Summary of revenue Bond Expenditures
 All Years, as of June 30, 2022
 by enterprise, authority, bond series

	2015A Bond Series	2016A Bond Series	2016C Bond Series	2016R 2016AB Reserve Release	2017A Bond Series	2017B Bond Series	2017C Bond Series	2020B Bond Series	2020C Bond Series	CP3 Commercial Paper	CP2 Commercial Paper	CP4 Commercial Paper	Total
Water													
10005 Closed at Go Live	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 322,485,093
15429 UW Local Water R&r Program	-	-	-	-	-	-	-	-	-	-	-	-	485,169
15430 UW Main Replacement Program	-	-	-	-	-	-	-	-	-	-	-	-	26,089,610
15432 UW New Services	-	-	-	-	-	-	-	-	-	-	-	-	5,554,269
15433 UW Renew Services	-	-	-	-	-	-	-	-	-	-	-	-	696,502
15479 UW Regional Water Treatment Pr	-	-	-	-	-	119,389	-	8,910,387	-	-	-	-	9,029,776
15480 UW Tesla Uv Facility	-	-	-	-	-	147,148	-	19	-	-	-	-	147,167
15481 UW Sunol Valley Water Treatmen	-	-	-	-	-	1,954,821	-	2,486,332	-	-	-	-	4,441,152
15482 UW Htwtip & West Bay Fields	-	-	-	-	-	320,563	-	200,324	-	-	-	-	520,886
15488 UW Pipeline Improvements	-	-	-	-	-	-	-	26,881,509	-	-	-	-	26,881,509
15516 UW Buildings & Grounds - Regio	-	-	-	-	-	684,384	-	173,576	-	-	-	85,283	943,244
15517 UW Sunol Long Term Improvement	-	-	-	-	-	43,907,917	-	-	-	-	-	-	47,891,699
15519 UW Millbrea Yard	-	-	-	-	-	1,437,904	-	1,111,973	-	-	-	-	4,542,194
15526 UW Local Water Conveyance-dist	-	-	-	-	-	2,874,694	-	-	5,743,041	-	-	-	8,617,735
15527 UW New Services	-	-	-	-	-	21,178,654	-	-	(275)	-	-	-	21,178,379
15528 UW Renew Services	-	61,682	-	-	-	13,420,578	-	-	(52)	-	-	-	13,482,207
15530 UW Large Meter Program	-	-	-	-	-	24,935	-	-	-	-	-	-	24,935
15531 UW Pipeline Replacement	-	8,647,648	-	-	-	58,993,112	-	125	62,169,263	-	-	-	129,810,147
15534 UW Systems Monitoring & Contro	-	4,686	-	-	-	-	-	-	-	-	-	-	4,686
15535 UW Systems Monitoring & Contro	-	-	-	-	-	-	-	-	-	-	-	-	-
15536 UW Communications	-	2,245	-	-	-	-	-	-	720,248	-	-	-	722,493
15537 UW Controls	-	1,700	-	-	-	-	-	-	56,495	-	-	-	58,195
15539 UW College Hill Reservoir Outl	-	943,549	-	-	-	-	-	-	1,004,023	-	-	-	1,947,571
15540 UW Sunset Reservoir South Basi	-	28,950	-	-	-	-	-	-	-	-	-	-	28,950
15541 UW University Mound Improvemen	-	-	-	-	-	-	-	-	204,436	-	-	-	204,436
15542 UW Chlorine Trim Station Repai	-	-	-	-	-	-	-	-	211,853	-	-	-	211,853
15545 UW Lake Merced Pump Station Fu	-	265,826	-	-	-	-	-	-	7,957	-	-	-	273,783
15546 UW Bay Bridge West Pump Statio	-	-	-	-	-	-	-	-	9,489	-	-	-	9,489
15547 UW Harding Park Pump Station	-	-	-	-	-	-	-	-	311,342	-	-	-	311,342
15548 UW Merced Manor Reservoir Faci	-	-	-	-	-	-	-	-	-	-	-	-	-
15549 UW Long Term Monitoring & Perm	-	-	-	355,180	-	-	-	121,525	-	-	-	-	476,705
15550 UW Alameda Watershed Monitorin	-	-	-	5,032,874	-	1,673,909	-	4,331,944	-	-	-	-	11,038,727
15551 UW Peninsula Watershed Monitor	-	-	-	2,846,097	-	-	-	4,441,422	-	-	-	-	7,287,518
15552 UW Wsrip Bond-commercial Paper	-	-	-	-	-	-	-	-	-	8,607,094	-	3,218,703	52,584,726
15553 UW Revenue Bond Oversight Comm	-	-	-	-	-	-	-	-	-	-	-	-	71,890
15555 UW Lake Merced Water Level Res	-	-	-	624,061	-	-	-	-	-	-	-	310,667	8,438,102
15556 UW San Francisco Groundwater S	-	-	-	9,661,788	-	-	-	-	-	-	-	9,248,915	62,379,722
15557 UW Regional Groundwater Stora	-	21,146	9,750,004	1,748,000	11,838,717	-	-	-	-	5,857,770	17,700	13,789,356	107,913,804
15558 UW Recycled Water Project	-	-	-	-	-	17,168	-	-	-	1,910	-	1,235,569	15,726,052
15559 UW Harding Park Recycled Water	-	-	-	1,133	34	-	-	-	-	-	-	-	6,625,551
15560 UW Recycled Water Project - Ea	-	-	-	-	19,703	-	-	-	-	-	-	-	2,340,073
15561 UW Lake Merced Pump Station Up	-	-	-	402,709	630,939	-	-	-	-	-	-	108,468	51,037,620
15562 UW Forest Hill Pump Station Up	-	-	-	-	-	-	-	-	-	-	-	-	6,558,394
15563 UW McLaren Park Pump Station U	-	-	-	-	-	-	-	-	-	-	-	-	29,938,290
15564 UW Sutro Res - Rehab-seismic U	-	-	-	-	23,855	-	-	-	-	-	-	-	40,417,691
15565 UW Bdpl #1&2 Repair Of Caisson	-	-	-	-	-	-	-	-	-	-	-	-	1,001,800
15566 UW Upper Alameda Creek Filter	-	-	1,039,197	2,361,981	45,806	-	-	-	-	1,414,526	218,730	1,640,158	16,237,695
15567 UW Seismic Upgrade Bdpl @ Hayw	-	-	-	-	-	-	-	-	-	-	-	-	24,127,411
15568 UW Seismic Bdpl @ Hayward Faul	-	-	2,142,608	-	4,345,357	-	-	-	-	(1,462,985)	-	-	72,701,880
15569 UW Lower Crystal Springs Dam I	-	-	-	-	1,140	-	-	-	-	1,092	-	-	35,613,181
15570 UW New Crystal Springs Bypass	-	-	-	-	-	-	-	-	-	170	-	-	81,033,432
15571 UW Sunset Res - Upgrade-rehab	-	-	-	-	-	-	-	-	-	-	-	-	64,709,067
15572 UW New Irvington Tunnel	-	-	321,887	774,777	-	-	-	-	-	(530,938)	4,792,673	-	339,305,740
15573 UW Alameda Siphon #4	-	-	-	-	-	-	-	-	-	19,471,358	-	-	65,260,302
15574 UW Sunol Quarry Reservoirs	-	-	-	-	-	-	-	-	-	-	-	-	79,923
15575 UW Laguna Creek Sedimentation	-	-	-	-	-	-	-	-	-	-	-	-	544,666
15576 UW Instalation Of Scada System	-	-	-	-	-	-	-	-	-	-	-	-	9,719,205
15577 UW Security Systems Upgrades	-	-	-	-	851,873	-	-	-	-	178,464	1,217,807	1,317	14,728,393
15578 UW Htwtip Long Term Improvement	-	-	40,658	-	18,158,415	-	-	-	-	33,464,778	-	-	281,285,762
15579 UW Peninsula Pipeline Seismic	-	-	1,109	-	321,836	-	-	-	-	5,685	-	-	39,871,854
15580 UW Bdpl Reliability Upgrade -	-	-	159,107	-	1,282,153	-	-	-	-	81,565,496	-	-	281,537,353
15581 UW Bdpl Reliability - Pipeline	-	-	83,846	-	259,886	-	-	-	-	41,943,183	-	-	217,838,248
15582 UW Crystal Springs Ps & Cs-sa	-	-	11,682	-	51,297	-	-	-	-	369,952	-	-	193,730,614
15583 UW U Mound Res - Upgrade (nort	-	-	-	-	-	-	-	-	-	-	-	-	44,430,314
15584 UW San Joaquin Pipeline System	-	-	-	-	163,320	-	-	-	-	10	-	-	209,461,983
15585 UW Rehab Existing San Joaquin	-	-	-	-	259	-	-	-	-	1,673	-	5,171	22,158,476
15586 UW Calaveras Dam Replacement	636,081	58,415	41,493	51,032,689	22,711,043	46,948	-	-	-	22,222,491	51,254,395	125,292,626	805,256,182
15587 UW San Antonio Backup Pipeline	-	-	-	-	83,650	-	-	-	-	6,534	-	-	55,253,086
15588 UW Mountain Tunnel Lining (het	-	-	-	-	-	-	-	-	-	-	-	-	38,627
15589 UW Early Intake Res -adj Weir	-	-	-	-	-	-	-	-	-	-	-	-	87,450
15590 UW Crystal Springs Pl #2 Repla	-	-	-	-	663	-	-	-	-	-	-	-	57,913,597
15591 UW San Andreas #3 Pipeline Ins	-	-	-	-	-	-	-	-	-	-	-	-	28,515,693
15592 UW Bdpl No 3&4 Cross Connectio	-	-	-	-	1,240	-	-	-	-	1,818	-	-	30,768,188
15593 UW Swtwp Expansion-treated Wat	-	-	-	-	552	-	-	-	-	477	-	-	133,710,553
15594 UW Swtwp New Pipeline	-	-	-	-	-	-	-	-	-	-	-	-	115,495
15595 UW Foothill Tunnel Repairs (he	-	-	-	-	-	-	-	-	-	-	-	-	34,824
15596 UW Tesla Treatment Facility	-	-	-	-	1,616	-	-	-	-	212	-	-	115,839,764
15598 UW San Antonio Pump Station Up	-	-	-	-	-	-	-	-	-	-	-	520	13,288,614
15599 UW Environmental Impact Projec	-	-	-	-	-	-	-	-	-	-	-	-	418,513
15600 UW Habitat Reerve Prgram	-	-	6,905,331	6,000,000	2,349,645	-	-	-	-	189,381	-	329,176	87,406,980

SAN FRANCISCO PUBLIC UTILITIES COMMISSIC

Water Enterprise
 Summary of revenue Bond Expenditures
 All Years, as of June 30, 2022
 by enterprise, authority, bond series

	2015A Bond Series	2016A Bond Series	2016C Bond Series	2016R 2016AB Reserve Release	2017A Bond Series	2017B Bond Series	2017C Bond Series	2020B Bond Series	2020C Bond Series	CP3 Commercial Paper	CP2 Commercial Paper	CP4 Commercial Paper	Total
15601 UW Vegetation Restoration Wsip	-	-	-	-	21,163	-	-	-	-	-	-	-	2,099,755
15603 UW Sfpuc-ebmud Intertie	-	-	-	-	-	-	-	-	-	173	-	-	8,275,119
15605 UW Baden And San Pedro Valve L	-	-	-	-	2,674	-	-	-	-	-	-	-	25,738,355
15606 UW Program Management Services	-	-	-	-	-	-	-	-	-	-	-	-	1,105,945
15607 UW Bdpl#4 Slip Lining - Pccp	-	-	-	-	-	-	-	-	-	-	-	-	2,006,165
15608 UW Watershed Environmental Imp	-	-	-	3,900,330	299,901	-	-	-	-	5,488,700	232,727	4,147,826	18,104,617
15612 UW Automated Meter Reading Sys	-	-	-	-	-	-	-	-	3,331,902	-	-	-	3,331,902
15613 UW Automated Meter Reading Sys	-	-	-	-	-	-	-	-	1,025,053	-	-	-	61,131,435
15617 UW Building & Grounds Improvem	-	673,383	-	-	-	-	-	-	1,020,861	-	-	-	1,694,245
15619 UW New Fuel Station Cdd	-	-	-	-	-	-	-	-	49,202	-	-	-	49,202
15672 UW Bay Division Pipeline Upgra	-	-	-	-	958,168	-	-	626,134	-	1,075,332	631,517	105,867	3,397,018
15673 UW Peninsula Water System Impr	194,159	-	-	-	622,635	-	-	6,754,869	-	2,683,569	1,475,926	625,759	12,356,917
15674 UW San Joaquin Water Sys Impro	-	-	10,118	-	150,624	-	-	441,467	-	276,424	339,517	906,823	2,124,973
15679 UW Sunol Valley Water System I	-	-	-	-	185,173	-	-	862,628	-	2,472,475	693,740	399,441	4,613,457
17324 AD Puc Revenue Bond Oversight	-	-	-	-	-	-	-	-	-	-	-	-	1,446,435
17731 UB Non Wsip Water Bond-cp Expe	-	-	-	-	-	295,974	30,000,000	-	-	-	80,000,737	-	138,237,192
19656 UW Rollins Road Purchase	-	-	-	-	-	-	-	9,063,193	-	-	-	-	9,063,193
20504 New Serices Connection Program	-	-	-	-	-	-	-	-	-	-	-	-	-
20505 Town of Sunol Pipeline	-	-	-	-	-	-	-	2,015,197	-	-	-	-	2,015,197
20711 Water Diversification Projects	-	-	-	-	-	-	-	-	-	-	-	-	-
21392 Regional Water Treatment RNR	-	-	-	-	-	-	-	411,421	-	-	-	-	411,421
21396 New CDD Headquarters	-	-	-	-	-	-	-	-	-	-	-	-	-
99999 FY16/17 Conversion	-	-	-	-	-	-	-	-	-	-	-	-	281
Total	\$ 830,239	\$ 10,709,230	\$ 20,507,042	\$ 84,741,618	\$ 65,383,335	\$ 147,098,097	\$ 30,000,000	\$ 68,834,043	\$ 75,864,839	\$ 225,306,822	\$ 140,875,468	\$ 161,451,645	\$ 4,670,657,028

Source data: PeopleSoft BI, extract date: 2022-08-11
 Prepared by: SFPUC Finance - Financial Reporting

SAN FRANCISCO PUBLIC UTILITIES COMMISSION

Wastewater Enterprise
Summary of Unexpended Revenue Bond Proceeds
All Years, as of 6/30/2022
by enterprise, bond series

Funding Source	Available Proceeds	Capital Expenditures	Unexpended Proceeds
Wastewater			
Bond Series 2010A	\$ 50,733,020	\$ 50,733,020	\$ -
Bond Series 2010B	179,448,114	179,448,114	-
Bond Series 2013B	337,775,490	337,775,490	-
Bond Series 2016A	258,713,931	258,713,931	-
Bond Series 2016B	72,935,269	72,935,269	-
Bond Series 2018A	241,017,855	241,017,855	-
Bond Series 2018B	201,382,705	201,382,705	-
Bond Series 2018C	170,720,000	170,720,000	-
Bond Series 2021A	296,000,000	296,000,000	-
Bond Series 2021B	44,000,000	44,000,000	-
Commercial Papers	268,348,750	518,576,220	(250,227,470) *
Interest Income	14,420,040	14,062,933	357,107
OTI Fr 1G-General Fund	239,730	239,730	-
Settlement Income from PG&E	2,945,000	2,945,000	-
TOTAL	\$ 2,138,679,905	\$ 2,388,550,268	\$ (249,870,363)

* Abnormal balance is mainly due to pending expense abatements from capital project funds to 2021A WIFIA Biosolids Note fund for \$220M and 2021B WIFIA SEP Note fund for \$130M as of June 30, 2022.

Source data: PeopleSoft BI, extract date: 2022-08-14

Prepared by: SFPUC Finance - Financial Reporting & Analysis Division

SAN FRANCISCO PUBLIC UTILITIES COMMISSION

Wastewater Enterprise
Detailed Summary of Available Revenue Bond Proceeds
All Years, as of 6/30/2022
by enterprise, bond series

	Official Statements (Proceeds)	Refundings - Commercial Paper	Adjustments - Other Proceeds *	Actual Deposits	Debt Service Reserve Releases	Net Investment Earnings	Available Proceeds
Wastewater							
Bond Series 2010A	\$ -	\$ 50,000,000	\$ 733,020	\$ 50,733,020	\$ -	\$ -	\$ 50,733,020
Bond Series 2010B	111,429,308	54,500,000	1,110,074	167,039,382	12,408,732	-	179,448,114
Bond Series 2013B	252,609,697	85,000,000	165,793	337,775,490	-	-	337,775,490
Bond Series 2016A	205,123,293	53,439,773	150,865	258,713,931	-	-	258,713,931
Bond Series 2016B	52,330,968	20,560,227	44,074	72,935,269	-	-	72,935,269
Bond Series 2018A	215,996,618	25,016,438	4,799	241,017,855	-	-	241,017,855
Bond Series 2018B	201,047,258	-	335,447	201,382,705	-	-	201,382,705
Bond Series 2018C	170,720,000	-	-	170,720,000	-	-	170,720,000
Bond Series 2021A	-	296,000,000	-	296,000,000	-	-	296,000,000
Bond Series 2021B	-	44,000,000	-	44,000,000	-	-	44,000,000
Commercial Papers	-	-	268,348,750	268,348,750	-	-	268,348,750
Interest Income	-	-	-	-	-	14,420,040	14,420,040
OTI Fr 1G-General Fund	-	-	239,730	239,730	-	-	239,730
Settlement Income from PG&E	-	-	2,945,000	2,945,000	-	-	2,945,000
TOTAL	\$ 1,209,257,142	\$ 628,516,438	\$ 274,077,552	\$ 2,111,851,133	\$ 12,408,732	\$ 14,420,040	\$ 2,138,679,905

* Adjustments - Other Proceeds included proceeds from commercial papers temporarily used prior to bond issuance, excess bond issuance cost, refunding, & underwriter's discounts, RBOC fees, project cost reimbursement from general fund, and settlement from PG&E.

Source data: PeopleSoft BI, extract date: 2022-08-14

Prepared by: SFPUC Finance - Financial Reporting & Analysis Division

SAN FRANCISCO PUBLIC UTILITIES COMMISSION

Wastewater Enterprise
Summary of Revenue Bond Expenditures
All Years, as of 6/30/2022
by enterprise, authority, bond series

	Bond Series 2010A	Bond Series 2010B	Bond Series 2013B	Bond Series 2016A	Bond Series 2016B	Bond Series 2018A	Bond Series 2018B	Bond Series 2018C	Bond Series 2021A
Wastewater									
10004 Conv_FAMIS Proj fd but no Proj	\$ 12,390	\$ 3,315	\$ 8,591	\$ -	\$ 905	\$ -	\$ (25,524)	\$ -	\$ -
11043 Interim Clean Water Cip	11,909,290	94,999,208	129,775,140	-	11,618,299	-	-	-	-
11044 Special Projects Misc Imp	92,062	-	1,691,809	-	-	-	-	-	-
15707 WW Treasure Island Capital Imp	18,918	-	1,347,841	-	-	-	3,999,976	-	-
15710 WW Bond-commercial Paper Expen	-	-	-	-	-	-	45,802	-	-
15712 WW Biofuel Alternative Energy	96,117	-	1,761,770	-	-	-	-	-	-
15713 WW Project Menagement	9,448	-	172,900	-	-	-	-	-	-
15714 WW Ocean Beach Project	-	-	-	-	2,168,687	-	8,730,180	-	-
15715 WW Collection Division Consoli	9,446,539	2,527,158	6,550,066	-	8,300,668	-	11,752,080	-	-
15716 WW Southeast Community Center	2,171,610	580,954	1,505,757	-	8,402,385	-	22,666,785	-	-
15717 WW Islais Creek Outfall	-	-	-	-	-	-	10,266,775	-	-
15718 WW Low Impact Design Project	72,320	-	1,323,526	-	-	-	-	-	-
15719 WW Valencia St Lid	191,202	-	816,888	-	-	-	-	-	-
15720 WW Project Management Allocati	3,459	-	63,300	-	-	-	-	-	-
15722 WW Wwe Rnr Collection System	14,986,357	18,669,471	31,118,098	-	38,296,252	-	132,078,199	-	-
15723 WW Outfall Inspection-receivin	412,105	-	5,682,155	-	382,785	-	34,479	-	-
15726 WW Collection System Improve	-	1,681,923	18,400,521	26,075,449	-	37,584,362	-	28,560,056	43,423,258
15727 WW Central Bayside System Impr	7,730	11,265,471	13,749,802	6,580,706	-	9,029,124	-	838,453	418,717
15728 WW SSIP Biosolids-digester Pro	11,240,041	44,966,131	36,794,169	24,665,499	-	55,959,809	-	79,103,494	57,533,323
15729 WW Stormwater Management	-	-	26,684,772	18,601,984	-	7,283,077	-	3,565,452	16,570,511
15730 WW Flood Resilience-hydraulic	-	-	-	-	-	267,630	-	-	4,188,142
15731 WW Northshore To Channel Force	-	-	34,717,398	4,440,692	-	3,276,949	-	973,503	-
15733 WW SSIP Program-wide Managemen	-	-	5,760,331	51,567,089	-	43,382,242	-	4,042,310	31,048,309
15735 WW Treatment Plant Improvement	-	-	12,651,226	78,278,314	-	71,688,293	-	48,077,067	135,260,601
15736 WW Treatment Plant Improvement	-	-	1,221,656	35,599,861	-	11,494,080	-	5,559,665	7,557,138
15737 WW Urban Watershed Assessment	-	-	3,347,677	12,904,338	-	1,052,289	-	-	-
17324 AD Puc Revenue Bond Oversight	9	10,019	-	-	-	-	-	-	-
17732 WW Bond-commercial Paper Expen	63,425	4,744,463	2,630,097	-	3,490,980	-	11,830,009	-	-
20507 SE Outfall Assessment & Rehab	-	-	-	-	274,308	-	3,945	-	-
TOTAL	\$ 50,733,020	\$ 179,448,114	\$ 337,775,490	\$ 258,713,931	\$ 72,935,269	\$ 241,017,855	\$ 201,382,705	\$ 170,720,000	\$ 296,000,000

Source data: PeopleSoft BI, extract date: 2022-08-14
 Prepared by: SFPUC Finance - Financial Reporting & Analysis Division

SAN FRANCISCO PUBLIC UTILITIES COMMISSION

Wastewater Enterprise
Summary of Revenue Bond Expenditures
All Years, as of 6/30/2022
by enterprise, authority, bond series

	Bond Series 2021B	Commercial Papers	Interest Income	OTI Fr 1G- General Fund	Income from PG&E	Total
Wastewater						
10004 Conv_FAMIS Proj fd but no Proj	-	\$ -	\$ 324	\$ -	\$ -	\$ -
11043 Interim Clean Water Cip	2,346	146,486	15,891	-	-	248,466,658
11044 Special Projects Misc Imp	2,300	-	-	-	-	1,786,170
15707 WW Treasure Island Capital Imp	722,380	-	-	-	-	6,089,116
15710 WW Bond-commercial Paper Expen	-	-	-	-	-	45,802
15712 WW Biofuel Alternative Energy	-	-	-	-	-	1,857,887
15713 WW Project Menagement	-	-	-	-	-	182,348
15714 WW Ocean Beach Project	3,678,851	4,301,036	-	-	-	18,878,754
15715 WW Collection Division Consoli	904,276	-	246,851	-	-	39,727,638
15716 WW Southeast Community Center	37,658,722	30,582,261	56,747	-	-	103,625,220
15717 WW Islais Creek Outfall	127,796	-	-	-	-	10,394,571
15718 WW Low Impact Design Project	-	-	-	-	-	1,395,847
15719 WW Valencia St Lid	-	-	-	-	-	1,008,090
15720 WW Project Management Allocati	-	-	-	-	-	66,759
15722 WW Wwe Rnr Collection System	903,330	3,343,248	2,040,011	-	-	241,434,967
15723 WW Outfall Inspection-receivin	-	(1,774)	-	-	-	6,509,750
15726 WW Collection System Improve	-	38,136,790	1,732,545	20,029	-	195,614,934
15727 WW Central Bayside System Impr	-	118,954	-	539	-	42,009,496
15728 WW SSIP Biosolids-digester Pro	-	229,834,329	2,880,374	86,711	-	543,063,879
15729 WW Stormwater Management	-	20,354,343	1,648,339	16,120	-	94,724,599
15730 WW Flood Resilience-hydraulic	-	2,397,594	-	5,427	-	6,858,793
15731 WW Northshore To Channel Force	-	-	-	-	2,945,000	46,353,542
15733 WW SSIP Program-wide Managemen	-	14,036,785	3,030,163	13,198	-	152,880,426
15735 WW Treatment Plant Improvement	-	147,844,227	1,796,198	79,631	-	495,675,557
15736 WW Treatment Plant Improvement	-	23,017,643	516,370	18,076	-	84,984,489
15737 WW Urban Watershed Assessment	-	144,027	-	-	-	17,448,330
17324 AD Puc Revenue Bond Oversight	-	86,230	-	-	-	96,258
17732 WW Bond-commercial Paper Expen	-	3,142,026	99,120	-	-	26,000,119
20507 SE Outfall Assessment & Rehab	-	1,092,016	-	-	-	1,370,269
TOTAL	44,000,000	\$ 518,576,220	\$ 14,062,933	\$ 239,730	\$ 2,945,000	\$ 2,388,550,268

Source data: PeopleSoft BI, extract date: 2022-08-14
 Prepared by: SFPUC Finance - Financial Reporting & Analysis

SAN FRANCISCO PUBLIC UTILITIES COMMISSION

Hetch Hetchy Water and Power Enterprise
Summary of Unexpended Revenue Bond Proceeds
All Years, as of 6/30/2022
by enterprise, bond series

Funding Source	Available Proceeds	Capital Expenditures	Unexpended Proceeds
Hetchy Water			
2011B Bond	\$ 27,710,000	\$ (27,545,590)	\$ 164,410
2017C Bond	74,356,768	(74,356,768)	(0)
2020D Bond	49,371,642	(49,338,228)	33,414
Commercial Paper	45,974,983	-	45,974,983
HETCHY WATER TOTAL	\$ 197,413,393	\$ (151,240,587)	\$ 46,172,806
Hetchy Power			
2008 CREB	\$ 5,884,633	\$ (5,884,633)	\$ -
2011 QECB	8,216,605	(8,216,605)	-
2012 NCREB	3,859,889	(3,859,889)	-
2015 NCREB	2,932,187	(2,932,187)	-
2015B Bond	38,273,974	(38,273,974)	-
2021A Bond	81,680,346	(81,680,346)	0
2021B Bond	54,320,372	(54,320,372)	(0)
Commercial Paper	40,328,232	(17,531,203)	22,797,029
HETCHY POWER TOTAL	\$ 235,496,238	\$ (212,699,208)	\$ 22,797,029
GRAND TOTAL, HHW & POWER	\$ 432,909,630	\$ (363,939,795)	\$ 68,969,835

Source data: Peoplesoft BI, extract date: 2022-08-14
 Prepared by: SFPUC Finance - Financial Reporting & Analysis Division

SAN FRANCISCO PUBLIC UTILITIES COMMISSION

Hetch Hetchy Water and Power Enterprise
Detailed Summary of Available Revenue Bond Proceeds
All Years, as of 6/30/22
by enterprise, bond series

	Official Statements	Adjustments	Actual Deposits	Debt Service Reserve Releases	Net Investment Earnings/Expense	Available Proceeds
Hetchy Water						
2011B	\$ 27,710,000	\$ -	\$ 27,710,000	\$ -	\$ -	\$ 27,710,000
2017C ¹	75,265,455	(265,455)	75,000,000	-	(643,232)	74,356,768
2020D ²	49,200,000	(200,000)	49,000,000	-	371,642	49,371,642
Commercial Paper	-	46,000,737	46,000,737	-	(25,755)	45,974,983
HETCHY WATER TOTAL	\$ 152,175,455	\$ 45,535,282	\$ 197,710,737	\$ -	\$ (297,345)	\$ 197,413,393
Hetchy Power						
2008 CREB ³	\$ 6,325,000	\$ (440,367)	\$ 5,884,633	\$ -	\$ -	\$ 5,884,633
2011 QECB ⁴	8,291,000	(74,396)	8,216,605	-	-	8,216,605
2012 NCREB ⁵	6,600,000	(2,888,660)	3,711,340	-	148,549	3,859,889
2015 NCREB ⁶	4,100,000	(1,167,220)	2,932,780	-	(593)	2,932,187
2015AB ⁷	37,300,000	19,778	37,319,778	-	954,197	38,273,974
2021A ⁸	82,709,609	(1,029,262)	81,680,346	-	-	81,680,346
2021B ⁸	55,004,868	(684,497)	54,320,372	-	-	54,320,372
Commercial Paper	-	40,000,000	40,000,000	-	328,232	40,328,232
HETCHY POWER TOTAL	\$ 200,330,477	\$ 33,735,376	\$ 234,065,852	\$ -	\$ 1,430,385	\$ 235,496,238
GRAND TOTAL	\$ 352,505,932	\$ 79,270,658	\$ 431,776,589	\$ -	\$ 1,133,041	\$ 432,909,630

Adjustment notes:

¹ 2017C \$265K variance is due to commercial paper interest.

² 2020D \$200K variance is due to accrued interest expense paid by the Water Enterprise.

³ 2008 CREB \$440K variance is due to \$233K issue discount/issuance costs and \$211K to debt service fund for debt service payments, offset by \$3K for RBOC fees project and \$1K for interest and dividends.

⁴ 2011 QECB \$74K variance is due to costs of issuance and underwriters' discount.

⁵ 2012 NCREB \$2.9M variance is due to \$2.8M redemption of unspent proceeds and \$81K costs of issuance and underwriters' discount, offset by \$3K for RBOC fees project.

⁶ 2015 NCREB \$1.2M variance is due to \$1.1M return of unspent proceeds and \$82K costs of issuance, offset by \$2K for RBOC fees project.

⁷ 2015AB \$20K variance is due to RBOC fees project.

⁸ 2021AB \$1.0M and \$684K variances are for interest paid on commercial paper prior to bond issuance.

Source data: Peoplesoft BI, extract date: 2022-08-14

Prepared by: SFPUC Finance - Financial Reporting & Analysis Division

SAN FRANCISCO PUBLIC UTILITIES COMMISSION

**Hetch Hetchy Water and Power Enterprise
Summary of Revenue Bond Expenditures
All Years, as of 6/30/22
by enterprise, authority, bond series**

	Hetchy Water			Commercial Paper	Hetchy Water Total
	2011B Bond	2017C Bond	2020D Bond		
Hetchy Water					
10004 Conv_FAMIS proj fd but no proj	\$ -	\$ 835,943	\$ -	\$ -	\$ 835,943
15363 UH Hetchy Water - Water Only	5,500,000	38,295,820	37,051,464	-	80,847,285
15365 UH Hetchy Water - Joint Project	8,408,090	30,574,106	12,081,255	-	51,063,451
15366 UH Hetchy Water-power Bonds	-	-	45,804	-	45,804
15378 UH Rim Fire	-	4,650,899	159,705	-	4,810,603
15386 UH Hetchy Water R&R - Water In	6,903,468	-	-	-	6,903,468
15388 UH Hetchy Water R&R - Facilities	6,734,032	-	-	-	6,734,032
HETCHY WATER TOTAL	\$ 27,545,590	\$ 74,356,768	\$ 49,338,228	\$ -	\$ 151,240,587

	Hetchy Power							Commercial Paper	Hetchy Power Total
	2008 CREB	2011 QECB	2012 NCREB	2015NCREB	2015B Bond	2021A Bond	2021B Bond		
Hetchy Power									
10000 Operating	\$ -	\$ -	\$ -	\$ 1,457	\$ -	\$ -	\$ -	\$ -	\$ 1,457
10279 UH Sustainable Energy Account	5,884,633	-	-	-	-	-	-	-	5,884,633
15364 UH Hetchy Water - Power Infrastructure	-	-	-	-	25,556,513	25,984,170	18,016,459	2,882,620	72,439,761
15365 UH Hetchy Water - Joint Project	-	-	-	-	10,669,893	11,711,294	8,302,790	1,643,069	32,327,046
15366 UH Hetchy Water-power Bonds	-	-	-	-	2,046,466	-	702,404	237,901	2,986,771
15372 UH Distribution Services Retail	-	-	-	-	-	43,984,882	27,298,718	12,630,478	83,914,078
15374 UH 525 Golden Gate-non Construction	-	8,216,605	-	-	-	-	-	-	8,216,605
15377 UH Streetlight Replacement	-	-	-	-	-	-	-	137,136	137,136
15397 UH Sea Civic Center Solar	-	-	3,610,215	-	-	-	-	-	3,610,215
15400 UH Renewable-generation - Small	-	-	-	2,930,730	-	-	-	-	2,930,730
15401 UH Renewable Generation - Small	-	-	249,674	-	-	-	-	-	249,674
17324 AD PUC Revenue Bond Oversight	-	-	-	-	1,103	-	-	-	1,103
HETCHY POWER TOTAL	\$ 5,884,633	\$ 8,216,605	\$ 3,859,889	\$ 2,932,187	\$ 38,273,974	\$ 81,680,346	\$ 54,320,372	\$ 17,531,203	\$ 212,699,208
GRAND TOTAL, HHW & POWER									\$ 363,939,795

Source data: Peoplesoft BI, extract date: 2022-08-14
Prepared by: SFPUC Finance - Financial Reporting & Analysis Division

Appendix IV – Debt Issuance FY2022

Enterprise	Debt Issuance	Amount (par)
Water	Mt Tunnel SRF Loan	\$238 million
Wastewater	2021AB Wastewater Revenue Bonds	\$298 million
	2021AB Wastewater Revenue Notes	\$347 million
	2022B Wastewater Revenue Bonds (Refunding)*	\$137 million
Power	2021AB Power Revenue Bonds	\$124 million

**The 2022B Wastewater Revenue Bonds (Refunding) settled on July 6, 2022.*

Appendix V - Bond Expenditure Certification

CERTIFICATION OF THE CHIEF FINANCIAL OFFICER, ASSISTANT GENERAL MANAGER FOR
BUSINESS SERVICES FOR THE SAN FRANCISCO PUBLIC UTILITIES COMMISSION
TO THE REVENUE BOND OVERSIGHT COMMITTEE

I, Nancy L. Hom, the duly authorized and Chief Financial Officer and Assistant General Manager for Business Services of the San Francisco Public Utilities Commission (“SFPUC”), hereby certify to the Public Utilities Revenue Bond Oversight Committee (“RBOC”) that I have reviewed the below audited financial statements and any such external performance audit reports provided by oversight agencies and authorities, as I reasonably have deemed necessary for purposes of this certification, including:

1. The FY 2021-22 Audited Financial Statements of the SFPUC Water Enterprise, including the Independent Auditor’s Report (KPMG, LLP), dated as of January 27, 2023;
2. The FY 2021-22 Audited Financial Statements of the SFPUC Wastewater Enterprise, including the Independent Auditor’s Report (KPMG, LLP), dated as of January 27, 2023;
3. The FY 2021-22 Audited Financial Statements of SFPUC Hetch Hetchy Water and Power and CleanPowerSF, including the Independent Auditor’s Report (KPMG, LLP), dated as of January 27, 2023;

Based upon review of such documents, together with such other information that I reasonably have deemed necessary for purposes of providing this certification, I hereby disclose that no findings or observations have come to my attention, after due inquiry, that cause me, exercising the judgment reasonably expected of my office and position, to believe that proceeds of any bond issue of the SFPUC have been wasted, not used for their authorized purposes or otherwise used illegally.

For purposes of this certification, I have not undertaken to audit or to cause to be audited any outstanding bond issue of the SFPUC, and only undertake to report to the RBOC the results of the review described above, in my role as Chief Financial Officer and Assistant General Manager for Business Services of the SFPUC.

This certification is delivered to you this 30th day of January, 2023.

PUBLIC UTILITIES COMMISSION OF THE CITY
AND COUNTY OF SAN FRANCISCO



Nancy L. Hom
Chief Financial Officer and Assistant General
Manager of Business Services

Appendix VI – RBOC Account Summary

RBOC Account Summary June 2022

Funding Sources (\$)		SW Water	C Wastewater	ST Hetchy Power	Total
Series					
2006 A Bonds		263,462	-	-	263,462
2008 CREBS		-	-	3,163	3,163
2009 A Bonds		212,390	-	-	212,390
2009 B Bonds		217,209	-	-	217,209
2010 A Bonds		31,426	27,122	-	58,548
2010 B Bonds		208,860	96,258	-	305,118
2010 D Bonds		41,629	-	-	41,629
2010 E Bonds		172,995	-	-	172,995
2010 F Bonds		93,085	-	-	93,085
2010 G Bonds		177,501	-	-	177,501
2011 A Bonds		316,504	-	-	316,504
2011 B Bonds		15,240	-	-	15,240
2011 C Bonds		17,698	-	-	17,698
2011 QECBS		-	-	4,146	4,146
2012 NCREBS		-	-	3,300	3,300
2012 A Bonds		316,351	-	-	316,351
2012 B Bonds		8,433	-	-	8,433
2013 B Bonds		-	183,555	-	183,555
2015 A Bonds		-	-	17,979	17,979
2015 B Bonds		-	-	4,227	4,227
2015 NCREBS		-	-	2,050	2,050
2016 A Bonds		-	140,691	-	140,691
2016 B Bonds		-	39,662	-	39,662
2016 C Bonds		129,580	-	-	129,580
2017 A Bonds		70,451	-	-	70,451
2017 B Bonds		85,953	-	-	85,953
2017 C Bonds		41,122	-	-	41,122
2018 A Bonds		-	131,757	-	131,757
2018 B Bonds		-	110,222	-	110,222
2018 C Bonds		-	89,573	-	89,573
2020 A Bonds		96,163	-	-	96,163
2020 B Bonds		37,408	-	-	37,408
2020 C Bonds		50,410	-	-	50,410
2020 D Bonds		26,171	-	-	26,171
2021A Bonds (WW)		-	162,492	-	162,492
2021B Bonds (WW)		-	24,358	-	24,358
2021A Bonds (Power)		-	-	45,346	45,346
2021B Bonds (Power)		-	-	30,168	30,168
A Subtotal Sources - All		2,630,041	1,005,690	110,379	3,746,110
Charges Against Budget (\$)					
Actual Charges					
WSIP Expenditures & CP (2006)		59,370	-	-	59,370
Financial Review of WSIP (2007)		92,050	-	-	92,050
WSIP Sunset Reservoir (2009)		71,890	-	-	71,890
CSA Controller's Audit (2011/2012)		86,219	29,750	-	115,969
Independent Review Panel (IRP) (2011/2012)		116,010	-	-	116,010
LADWP for IRP (2011/2012)		11,489	-	-	11,489
IBBS Consulting for IRP (2011/2012)		47,000	-	-	47,000
CSA Audit - Final Bill Q3 12		29,625	-	-	29,625
RM Block WSIP Evaluation (Nov 12- Aug 14)		531,926	-	-	531,926
RBOC Strategic Planning Meeting - 2015		970	970	970	2,910
RBOC Strategic Planning Meeting - 2016		1,078	1,078	1,078	3,234
RBOC Strategic Planning Meeting - 2017		770	770	770	2,310
CSA Bill FY20		11,467	-	-	11,467
CSA Bill FY21		19,443	-	-	19,443
CSA Bill FY22		358,835	86,230	-	445,065
B Subtotal Actual Charges		1,438,142	118,798	2,818	1,559,758
A-B Available Funds Before Pending Charges		1,191,899	886,892	107,561	2,186,352
Pending Charges					
Subtotal Pending Charges		-	-	-	-
A-B-C Available Funds After Pending Charges		1,191,899	886,892	107,561	2,186,352