

PUBLIC UTILITIES REVENUE BOND OVERSIGHT COMMITTEE CITY AND COUNTY OF SAN FRANCISCO AGENDA

REMOTE MEETING

Listen/Public Call-In Phone Number (415) 906-4659 Conference ID: 308 401 075 #

> November 15, 2022 - 9:00 AM Regular Meeting

Remote Access to Information and Participation

On March 17, 2020, the Board of Supervisors authorized their Board and Committee meetings to convene remotely (via Microsoft Teams) and will allow remote public comment via teleconference.

Members of the public may participate by phone or may submit their comments by email to: RBOC@sfgov.org; all comments received will be made a part of the official record. Revenue Bond Oversight Committee agendas and their associated documents are available at: https://sfpuc.org/about-us/boards-commissions-committees/revenue-bond-oversight-committee

As the COVID-19 disease progresses, please visit the Board's website (www.sfbos.org) regularly to be updated on the current situation as it affects the legislative process. For more information contact Assistant Clerk Victor Young at (415) 554-7723.

Mission: The Revenue Bond Oversight Committee (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 RBOC's goal is to ensure that SFPUC revenue bond proceeds are spent for their intended purposes in accordance with legislative authorization and other applicable laws.

1. Call to Order, Roll Call, and Agenda Changes

Members:

- Seat 1 Ettore Leale, Chair
- Seat 2 Lars Kamp
- Seat 3 Vacant
- Seat 4 Claire Veuthey
- Seat 5 Vacant
- Seat 6 Christina Tang
- Seat 7 Reuben Holober
- 2. **RBOC:** Findings to Allow Teleconferenced Meetings During Declared Emergency (*Discussion and possible action*)

Proposed Motion: ADOPT FINDINGS as required by Assembly Bill 361 that 1) the Committee has considered the circumstances of the state of emergency; 2) the state of emergency continues to directly impact the ability of policy body members to meet safely in person; and 3) state or local officials continue to impose or recommend measures to promote social distancing.

- 3. **Public Comment:** Members of the public may address the Revenue Bond Oversight Committee RBOC) on matters that are within the RBOC's jurisdiction but are not on today's agenda.
- 4. **RBOC**: Audit update. (*Discussion and possible action*)
- 5. **RBOC:** Planning for future audits to evaluate the performance of projects funded by Revenue Bonds. (*Discussion and possible action*) (*attachment*)
- 6. **RBOC:** Draft Annual Report. (*Discussion and possible action*)(attachment)
- 7. **SFPUC:** Future Site Visits (Hetch Hetchy) (*Discussion and possible action*)
- 8. **Approval of Minutes:** September 13, 2022, Meeting Minutes. (*Discussion and possible action*) (attachment)
- 9. **Announcements, Comments, Questions, and Future Agenda Items.** (Discussion and possible action)

Upcoming Meeting Dates: December 13, 2022, January 17, 2023, February 14, 2023, and March 14, 2023.

Future Agenda Items/Issues:

- A. Request that SSIP Quarterly reports include information on Stormwater Management System and details on the bidding climate and possible cost increase)
- B. RBOC: Acquiring consultant to examine expected performance of complete projects.
- C. SFPUC: Staff Report: Environmental Justice
- D. SFPUC: Power Enterprise and Clean Power SF Update
- E. SPFUC: Mountain Tunnel Site Tour
- F. SFPUC: State Federal Loan Updates
- G. SFPUC: Oceanside Wastewater Plant Tour
- H. RBOC: Discussion on the 2015 report, entitled "Evaluation of Lessons Learned from the WSIP Program," procedures and reporting processes taken from WSIP applied to SSIP
- I. SFPUC: Wastewater System Improvement Program Update
- J. RBOC: Discussion on the coordination of PUC Site Tours
- K. SFPUC: Finding #2 of the RBOC Performance Audit Quality Assurance Program (Stephen Robinson, AGM of Infrastructure)(April 2023)
- L. SFPUC: Hearing on Finding #1 of the RBOC Performance Audit Visibility of Bond Expenditures. (Presentation by Nancy Hom, Chief Financial Officer and AGM of Business Services)

10. **Adjournment**

Agenda Item Information

Each item on the agenda may include: 1) Department or Agency cover letter and/or report; 2) Public correspondence; 3) Other explanatory documents. For more information concerning agendas, minutes, and meeting information, such as these documents, please contact RBOC Clerk, City Hall, 1 Dr. Carlton B. Goodlett Place, Room 244, San Francisco, CA 94102 – (415) 554-5184.

Audio recordings of the meeting of the Revenue Bond Oversight Committee are available at: http://sanfrancisco.granicus.com/ViewPublisher.php?view_id=97

For information concerning San Francisco Public Utilities Commission please contact by e-mail RBOC@sfgov.org or by calling (415) 554-5184.

Meeting Procedures

Public Comment will be taken before or during the Committee's consideration of each agenda item. Speakers may address the Committee for up to three minutes on that item. During General Public Comment, members of the public may address the Committee on matters that are within the Committee's jurisdiction and are not on the agenda.

Procedures do not permit: 1) persons in the audience to vocally express support or opposition to statements by Commissioners by other persons testifying; 2) ringing and use of cell phones, pagers, and similar sound-producing electronic devices; 3) bringing in or displaying signs in the meeting room; and 4) standing in the meeting room.

The ringing of and use of cell phones, pagers and similar sound-producing electronic devices are prohibited at this meeting. Please be advised that the Chair may order the removal from the meeting room of any person(s) responsible for the ringing or use of a cell phone, pager, or other similar sound-producing electronic devices.

LANGUAGE INTERPRETERS: Requests must be received at least 48 hours in advance of the meeting to help ensure availability. Contact Wilson Ng or Arthur Khoo at (415) 554-5184. AVISO EN ESPAÑOL: La solicitud para un traductor debe recibirse antes de mediodía de el viernes anterior a la reunion. Llame a Wilson Ng o Arthur Khoo (415) 554-5184. PAUNAWA: Ang mga kahilingan ay kailangang matanggap sa loob ng 48 oras bago mag miting upang matiyak na matutugunan ang mga hiling. Mangyaring tumawag kay sa (415) 554-5184.

Disability Access

Revenue Bond Oversight Committee meetings are held at the Public Utilities Commission, 525 Golden Gate Avenue, San Francisco, CA. The hearing rooms at the Public Utilities Commission are specified on the agenda and are wheelchair accessible. To request sign language interpreters, readers, large print agendas or other accommodations, please call (415) 554-5184. Requests made at least 48 hours in advance of the meeting will help to ensure availability.

翻譯 必須在會議前最少四十八小時提出要求 請電 (415) 554-7719

Know Your Rights Under the Sunshine Ordinance

Government's duty is to serve the public, reaching its decisions in full view of the public. Commissions, boards, councils, and other agencies of the City and County exist to conduct the people's business. This ordinance assures that deliberations are conducted before the people and that City operations are open to the people's review.

For more information on your rights under the Sunshine Ordinance (San Francisco Administrative Code, Chapter 67) or to report a violation of the ordinance, contact by mail: Sunshine Ordinance Task Force, 1 Dr. Carlton B. Goodlett Place, Room 244, San Francisco, CA 94102; phone at (415) 554-7724; fax at (415) 554-5163; or by email at sotf@sfgov.org.

Citizens may obtain a free copy of the Sunshine Ordinance by printing San Francisco Administrative Code, Chapter 67, at http://www.sfbos.org/sunshine.

Ethics Requirements

Individuals and entities that influence or attempt to influence local legislative or administrative action may be required by the San Francisco Lobbyist Ordinance [SF Campaign & Governmental Conduct Code, Section 2.100] to register and report lobbying activity. For more information about the Lobbyist Ordinance, please contact the San Francisco Ethics Commission at 25 Van Ness Avenue, Suite 220, San Francisco, CA 94102; telephone (415) 252-3100; fax (415) 252-3112; web site http://www.sfgov.org/ethics.

Under Campaign and Governmental Conduct Code, Section 1.127, no person or entity with a financial interest in a land use matter pending before the Board of Appeals, Board of Supervisors, Building Inspection Commission, Commission on Community Investment and Infrastructure, Historic Preservation Commission, Planning Commission, Port Commission, or the Treasure Island Development Authority Board of Directors, may make a campaign contribution to a member of the Board of Supervisors, the Mayor, the City Attorney, or a candidate for any of those offices, from the date the land use matter commenced until 12 months after the board or commission has made a final decision, or any appeal to another City agency from that decision has been resolved. For more information about this restriction, visit sfethics.org.

Lobbyist Registration and Reporting Requirements

Individuals and entities that influence or attempt to influence local legislative or administrative action may be required by the San Francisco Lobbyist Ordinance [SF Campaign & Governmental Conduct Code, Section 2.100, et. seq.] to register and report lobbying activity. For more information about the Lobbyist Ordinance, please contact the Ethics Commission at: 25 Van Ness Avenue, Suite 220, San Francisco, CA 94102; telephone (415) 581-3100; fax (415) 252-3112; website www.sfgov.org/ethics.

Revenue Bond Oversight Committee	Meeting Agenda	November 15, 2022

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Revenue Bond Oversight Committee (RBOC) Working Paper

Introduction

The San Francisco Public Utilities Commission (SFPUC) is California's third largest municipal utility with \$1.3B in yearly revenues and 2.7 million San Francisco Bay Area customers. The SFPUC operates major water, sewer, and power infrastructure, see the <u>SFPUC website</u> for details.

Background

The SFPUC provides retail drinking water and wastewater services in San Francisco, wholesale water to 26 water suppliers in three Bay Area counties, green hydroelectric and solar power to Hetch Hetchy electricity customers, and power to San Francisco residents and businesses through the CleanPowerSF Program. The San Francisco Charter empowers the SFPUC by to issue revenue bonds to finance the reconstruction, replacement, expansion, repair and improvement of its water, sewage, and power facilities. The SFPUC has two major initiatives underway, the Water System Improvement Program (WSIP) and the Sewer System Improvement Program (SSIP). At present, the SFPUC has over \$5 billion in outstanding revenue bonds. See the SFPUC Investor Relations website for details. Note that individual bond memorandums published on this website include detailed information on SFPUC's infrastructure and capital investment programs.

Revenue Bond Oversight Committee

In In 2002 San Francisco voters passed Proposition P establishing the Revenue Bond Oversight Committee (RBOC). Members of the RBOC are appointed by the San Francisco Board of Supervisors, by the Mayor, by the Controller, and by the Budget and Legislative Analyst of the Board of Supervisors. 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. The RBOC provides independent oversight to ensure transparency and accountability by monitoring the expenditure of revenue bonds. See the RBOC website for details.

Ongoing Initiatives

The RBOC is in the process of completing an audit of six bonds in the amount of \$2.7 billion supporting the WSIP and SSIP programs. A team from the RBOC, the SFPUC, the Office of the Controller of the City and County of San Francisco, and the accounting firms HKA and Yano Accountancy Corporation leads this performance audit following Government Auditing Standards (GAGAS). This audit is due for completion in January 2022.

Future Initiative

The RBOC is exploring a new oversight initiative to answer the following questions:

1. Is infrastructure financed by revenue bonds performing as designed?

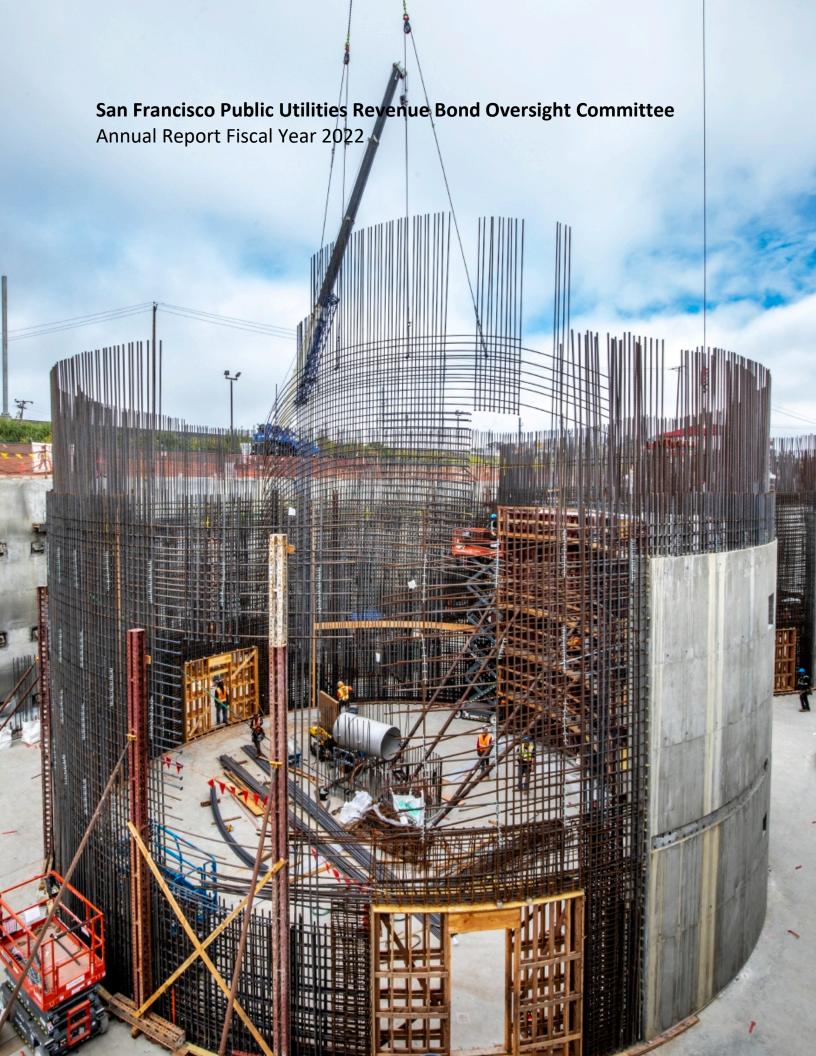
- 2. Is infrastructure financed by revenue bonds properly maintained to ensure that it performs as designed over its intended lifespan?
- 3. Are ratepayers receiving good return on their investment in capital improvement projects?

In order to answer the above questions, the RBOC is interested in hiring an independent national engineering firm to achieve the following objectives:

- A. Formulate a methodology for the study following national best practices
- B. Perform a preliminary risk assessment of revenue bond financed projects
- C. Develop a Statement of Work for the study

This preliminary project will help inform RBOC on best practices for studies of this nature, and it will provide the foundation for future oversight initiatives.





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 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. Further, it helps ensure 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 issuance or sale of authorized revenue bonds that have yet to be issued or sold.

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 prevented any issuance of SFPUC 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 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 appointed by 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 June 2021 to June 2022 ("the 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 period, the RBOC focused on the following initiatives:

- Completed performance audit of six bond series from the 38 bond series [SFPUC please verify the number] 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 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 V.

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 SPFUC 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.

Appendix I – Biographies of RBOC Members



Ettore Leale (Chair)
Appointed by the Board of Supervisors (Seat 3)
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 4)
Appointed on [Victor please verify date] (Term expires on 11/12/2023)

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).



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 (Term expires on 11/12/2023)

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.



Claire Veuthey
Appointed by the Mayor (Seat 2)
Appointed on 6/23/2023 (Victor please add expiration date)

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.

Appendix II – Meeting Summaries

The RBOC held twelve meetings and completed one site visit during the 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-committees

[Victor please add]



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 SRF/WIFIA Loans	\$4.6B	\$2.1B	\$160M
ExecutedOutstanding*	\$424M \$122M	\$1.5B \$303M	
Tax Credit Bonds			\$5.2M
Commercial Paper:			
AuthorizedOutstanding	\$500M \$206M	\$750M \$379M	\$250M \$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.

SFPUC Outstanding Revenue Bonds

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		Build America Bonds (BABs); TIC is net of subsidy. (WSIP)
2010 Revenue Bonds, Series G	Yes	12/22/10	11/01/50	\$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		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		Partially refunded 2009A, 2009B, and 2010F Bonds (WSIP)
2016 Revenue Bonds, Series B	No	10/20/16	11/01/30	\$130,815		Fully refunded 2006B, 2006C, and partially refunded 2010A Bonds
2016 Revenue Bonds, Series C (Green)	Yes	12/14/16	11/01/46	\$259,350		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		Fund WSIP
2017 Revenue Bonds, Series B	Yes	12/13/17	11/01/47	\$147,725		Fund Water Enterprise Capital
2017 Revenue Bonds, Series C 2017 Revenue Bonds, Series D (Green)	Yes No	12/13/17 12/28/17	11/01/47 11/01/35	\$70,675 \$350,305		Improvements to water-related infrastructure of the Hetch Hetchy Water and Power system Partially refunded 2011A, and 2012A (WSIP)
2017 Revenue Bonds, Series E (Green)	No	12/28/17	11/01/33	\$48,890		Partially refunded 2011C, 2011D and 2012C
2017 Revenue Bonds, Series F	No	12/28/17	11/01/31	\$8,705		Partially refunded 2011B
2017 Revenue Bonds, Series G (Green)	No	12/28/17	11/01/24	\$33,780		Partially refunded 2011A (WSIP)
2019 Revenue Bonds, Series A (Green)	No	01/09/20	11/01/43	\$622,580		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 outstading 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		Build America Bonds (BABs); TIC is net of subsidy.
2013 Revenue Bonds, Series A (Refundin		01/30/13	10/01/25	\$193,400		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	Fund a portion of SEP Improvements (Headworks and/or Biosolids); to be remarketed or retired
						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				\$2,449,520	\$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
Tax Credit Bonds				040.004	* 400	Investors receive a tax credit in lieu of interest payment
Tax Credit Bonds 2008 Cl. Renewable Energy Bonds	Yes	11/07/08	12/15/22	\$12,391	\$422	Investors receive a tax credit in lieu of interest payment Installation of solar energy equipment on City-owned facilities (12/15 payment dates)
	Yes	11/07/08	12/15/22	, ,	•	
2008 Cl. Renewable Energy Bonds				\$12,391 \$6,600	\$422 \$0	Installation of solar energy equipment on City-owned facilities (12/15 payment dates)
2008 Cl. Renewable Energy Bonds 2012 New Cl. Renewable Energy Bonds	Yes	04/25/12	04/25/28	\$6,600	\$0	Installation of solar energy equipment on City-owned facilities (12/15 payment dates) Solar and micro-hydro energy projects - prepaid 2.5M July 2015 (10/25 & 4/25 payment dates)
2008 Cl. Renewable Energy Bonds				, ,	\$0	Installation of solar energy equipment on City-owned facilities (12/15 payment dates)
2008 Cl. Renewable Energy Bonds 2012 New Cl. Renewable Energy Bonds 2011 Qualified Energy Cons. Bonds	Yes Yes	04/25/12 12/15/11	04/25/28 12/15/27	\$6,600 \$8,291	\$0 \$3,138	Installation of solar energy equipment on City-owned facilities (12/15 payment dates) Solar and micro-hydro energy projects - prepaid 2.5M July 2015 (10/25 & 4/25 payment dates) Components of 525 Golden Gate that promote energy conservation (12/15 & 6/15 payment dates)
2008 Cl. Renewable Energy Bonds 2012 New Cl. Renewable Energy Bonds	Yes	04/25/12	04/25/28	\$6,600	\$0 \$3,138	Installation of solar energy equipment on City-owned facilities (12/15 payment dates) Solar and micro-hydro energy projects - prepaid 2.5M July 2015 (10/25 & 4/25 payment dates) Components of 525 Golden Gate that promote energy conservation (12/15 & 6/15 payment dates) Two qualified solar equipment projects (10/25 & 4/25 payment dates - *first principal payment 10/25



Water Enterprise Summary of Unexpended Revenue Bond Proceeds All Years, as of June 30, 2022

by enterprise, bond series

Funding Source	Ava	ilable Proceeds	С	apital 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

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

	Off	icial Statements (Proceeds)		Adjustment*	ctual Deposits	Debt Service Reserve Releases	1	Net Investment Earnings	Ava	ilable Proceeds
Water		(Floceeds)		Adjustinent	 ctual Deposits	Reserve Releases		Earnings	Ava	liable Froceeus
2006A Bond Series	S	338,600,817	S	120,401,670	\$ 459,002,486		\$	19,489,033	S	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

Water Enterprise Summary of revenue Bond Expanditures All Years, as of June 30, 2022 by enterprise, extractly, 0007 series

The color of the		2006A Bond Series	2019A Bond Series	20098 Bond Series	2019A Bond Series	2016B Bond Series	2010D Bond Series 2	1010E Bond Series 21	10F Bond Series	2010G Bond Series	2011A Bond Series	2011B Bond Series	s 2011C Bond Series	2012A Bond Series	: 2012B Bond Sa
March Marc	rter Little Claser at the over	1 1/8 n/2 (9/2	4 RONGERIA	1 (900H 90)	4 .	S 17 (WIRM	S 107.794 1	s 25991594 S	x 5	9 .	S. TWOM	1		1 .	4 15,60
\$2.00 April 10 April															
Mail Month Personal P	5430 UKV Wair Bedagement Program												26.032.61	0 .	
March Control Contro	5432 UW New Services												5.554.26	9	
March Marc	5425 UW Ronow Services												032.50	a .	
Section Company Comp	5420 UKV Rasiena, Water Treatment Pt.														
See Control of See		-			-										
The file of the presentation of the presentati															
7500 M O Print Control															
18.1 March 18.1 18.2															
March Marc	6616 UAV Buildings & Crounds - Regio														
1986 Company	5517 UW Sunol Long Term Improvement														
227 May the makes 127 May the makes 127 May the makes 128 May the makes that the part of the part o								10 225	-	1,581 / 33					
15.5 A. C. Print State of	826 UKV Local Water Conveyance-dia:														
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18 18	928 UW Renew Services														
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1	49 UsV Long Term Montoring & Term	-				-		-							
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25 We will be served be transcripted from \$6 \$15.00 \$1	192 UKV Vivita Bend-commercial Paper	5,142,033				3,728 304	210,383	3,721.518			9.747,93°			0,624,2	N3
Section Continue	53 UW Revenue Bont Oversight Comm														
										26 483					
Set Affine Prince Set Affine Set Affin															
Second Content	67 UKV Regional Creundwater Storag									25,068				41,004,0	Ni
Column C	se nwildeward wast suffect			7,918,209		5,181 544	86,715	(281)			992,361				
201 201	bly UW Harding Park Redys ed Water	44,428		541,260											
25 15 15 15 15 15 15 15	otto Life Honova ed Warer Hogost - Fin		(8.4)	70,700		1974 1174	25,720	154 419			341,453			0',0	.53
State Stat		5,804,338								6.12					
Section Sect	52 JeV Forest Hill Pump Station Up						127,862	1,827 357			2 570,422			32,6	.33
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Section Company Comp	64 UW Surp Res - Rehab spismic U	503,502	237,007	562,256		2,900,300	1/4/88	16			19 880,223			15,009,0	'pp
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18.00 18.0	366 UsV Upper Alameds Creek Tiber					1,276 321	87,3(0	632,736			743,365			3,70°,6	11
200 200	127 UW Seramic Opprace But if tig -eyer	22.885,963	547,420	11,230		0.000.000	****	2004200			60.766.670			25.225.6	-
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17-10 1	22 DW New Interctors Furnic	15,051,140	(3)200,000	17,710,200		07,070,041	14,251,707	63,457,439			1203 / 27 408			24,382,4	27
15 15 15 15 15 15 15 15	23 UN RETRIES S 210F #4	5,365,860	12,900,000	14,730,763		2,839.175	,,410,383	6,414,341			1,025,394				21
Fig. Control	7/ UW Surol Quarry Reservoirs	76,923	73.000	43.000											
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59 UW Environmental Impact Police 8:495-291 5:045-625:		4.005,702	45,233,674	40,123,700										934,2	70
er/or Continue to the Control (Control) (Contr	us usy ear Artono Europetaron Up					1,846.833	:##(808)	207 199	-		23,294			1,2	49
20 UW Habita: Revenue Physics 981,945 3:355,062 4:386,086 5:265-927 804.416 7,652-946 5:677,475 11,385,094	FP UN Contormental Impact Project		(5,045,921												
	20 UW Hatela : Reveiles Pigram	908,973	5,334,062	4,395,556		2,366 927	804,416	7,862,946			58.717,475			11,389,0	44

	2006A Bond Series	2019A Bond Series	20098 Bond Series	2019A Bond Series	2010B Bond Series	2010D Bond Series	2010E Bond Series	2010F Bond Series	2010G Bond Series	2011A Bond Series	2011B Band Series	2011C Band Series	2012A Bond Series	2012B Bond Series
901 UkV Vegetoton Restoration Welp					1.786					525,995			1,440,833	
9803 UW Sisco ebrica Interte	7,031,267	553,561	1,069		1.518		2/4 146			155,663				
5805 UW Baden And San Pedro Valve .	3,072,009		15,030,272		2,631 202	88,325	744 536			227,985				
906 UKI Program Management Sawicas	22,978,007	(2', 873,907;												
5907 UKV Dasted Stip Lining - Peop	1,211,464	745,682												
5008 UW Watershed Environmental Imp	121,022	227,612	138,667		145 266	27,270	1,492,316			1 452 946			302,382	4
5012 UW Automated Meter Reading Sys														
1613 UKV Automated Meter Roading Sys				E0,106,362										
7817 UK/ Building & Crounds Priprojern														
5819 UW New Toy Station Corp.														
6072 UW Hav Div sion Pipeline Lipgra														
VIDS UKV Partirous A Water System Impr														
567/ UW San Joaquin Virale: Sira Impiro														
9879 UKV Sunot Valley Water System I														
7324 AD Pub Revenue Bond Oversight	222,510	231,593	208,000	29,473	200 960	35.010	172 126	90.43	175 725	29.199				
C/21 UE Non Warp Water Bendica Exec											27(94).46			
9998 UsV Rollins Road Furchose														
3634 New Serices Cornection Program														
ACD Town of Burn IPpoints														
1/11 Water Diversit eation Projects													-	
1392 Regions Syster Treatment RNR														
1358 New CDD Lieucquarters														
M89 FY16/17 Conventor							281							

Source date: PeopleSall BI: extract date: 2022 30:15 Programmi by: SH-HAX Extracts - Program Reporting & Analysis (Josean

Sage 4 of m

Water Enterprise Summary of revenue Bond Expanditures All Years, as of Jame 30, 2022 by exterprise, extractly, bond series

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Water	2015A Bond Serie	es 20	016A Bond Series	2016G Bond Series	Reservo Releaso	2017A Bond Series	2017B Bond Series	2017C Bond Series	20208 Bond Series	2020C Bond Series	Paper	Paper	Paper	Total	
Water 1000 Claser at 66 ree	1				4 .	8 .		s .	s .	4	8 .	5	1 .		227-40,000
15479 UKF I ocal Water Hist Hingram	•			•			*			*			•	•	20, 921
19430 UKV Waln Replacement Program															26,087,610
16432 UrV New Services															5,654,269
15425 UW Rorew Services															005,502
15470 UV Regional Water Treatment Pt 16450 UV Teels UV Teelity							219.3		a,230,38						9,02E,776 147,167
15481 UW Sunot Valley Water Treatmen							1,964.0		2,466,333						4.441,152
15482 UW Hier.p & West Bay Fields							320.5		200.324						521,608
15486 UKV Hipoline Improvments									39,861,000						26,881,500
10916 UsV Buildings & Crounds - Regio							664,3		173,970				80,28	3	947,244
16517 UW Sunol Long Term improvement							43,907.9								47.39*,699
15/35 UV Villose vand 15/35 UV Local Water Conveyance-cla							1,437.9	2	1,111,973	5748.041					4,842,994 8,617,730
16627 UW New Services						· ·	21,178,9		:	(275					21,175,379
19926 UW Revery Services			91,882				13,/20.5	18 .		(52					15,482,207
18830 UW Large Motor Program							24 3	5							24,905
thorn UKV If point Repatement			8,647,648				08,000,1		123	62,180,983					120,810,147
1533/ UW Systems Monitoring & Contro			1,686												4,686
15525 UW Systems Maritialing & Cartillo 15526 UW Communications			7,245							-20.748					(22.40)
Shore UKV Controls		0	1,400							26 463					OF 235
10339 UrV College H. Reservo : Cull			943,549							1.004.023					1,947,671
15540 UW Surset Reservoir South Basi			28,950												25,950
1aa41 UW University Mound Improvemen										204.435					204,436
15/342 UKV Ottorine Trim Station Recal										71 853 7 957					211,863
16545 U.W. Lake Merbed Puris: Station Ful 16546 U.W. Bay Bridge West Puris Statio			295,826							7 957 9 403					273,783
18647 UW May shrope West Pump Station 18647 UW Hosping Park Pump Station										211342					311,342
15x46 UKV Viceod Manor Reservoy Fac.										2 1042					01,04
19349 UKV Long Term Nontoring & Perm			-		305.11	80 -			121.025						475,700
19850 UW Alemada Watershed Monitor n					5,062,61	74	1,673.9	.6	4,251.94						11.036,727
15oc1 UW Pernsula Wetershed Wonter					2,640,0	W .			4,441,477						c,28+,518
10352 UkV 994a Bond-commercial Paper											8 907,00	14 .	3,218,70	3	52,984,726 71,690
16855 UW Revenue Dono Oversight Commi 16855 UW Lake Mei bed Water Level Res					621.0								310,66	7	6, 431, 102
15035 UW San Francisco Grountwater S					9,001.7								9.348.91	š	52 3/5, 722
15/03/ UK/ Ragional Groundwater Storag		-	21.149	9,790,00	4 1,748,00		17 -				585777	0 17,7		6	107.913.804
19558 UW Resysted Water Project							17.1				1,91	0	1 235,68	g	16,728,002
16559 UW Hasting Park Recycled Water					1,73	33 3	34								6,625,661
10000 UK Racya od Water Project - He						997E									2,340,003
15081 UKV Jako Merced Himo State 1p 19992 UKV Forest Hill Pump Staten Up		-			40,4	D) ENGE	υ -						108,46	et	6,905,394
16565 UW Viceren Park Puris Station U		1	8		1				1						29.935,290
10034 UW Surp Res - Renac seismic U						20.05	0								40.41 - 02/1
Shottle UKV Bidel W &? Repair Of Calason															1,001,800
16556 U/V Upper Nameds Creek Titler				1,038,180	7 2,361,60	81 49 90	96 -				1.417,02	218,7	30 1,640,16	8	16,237,695
16527 UW Selamic Upgraze Bildt @ Heyer												_			24,127,411
15535 UW Seismic Bütil (§ Hayward Faul 15589 UW Lower Grestal Enrings Dam I				2,142,500		4,045.25	N .				(1.452.93	6)			72.701,600 35.613.381
19970 UN New Crysta Burings Bypess					:	1.5	**				17				81,037,432
16671 UW Surner Res. Utstrade rehats															\$4,706,087
15o/2 UW Now Investors June				371,56	(74.)	a .					(520.93)	8) 4752(6	73		239 30, 740
10023 UKV Alemede Bionor A4											19,471,35	8 -			85,267,302
1557/ UW Sunol Quarry Reservoirs															75,923
16675 UW Lagure Creek Sectimentation 16676 UW Installation Of Scorda System															514,686 9,715,206
Sony CHV Require Systems Unitation						801.83					176.40	H 12778	0 131	7	14.778,203
10076 UKV Histo Long Term Incovernent				40,80	8	18,168 41	10				83 454,77	3			281,281,762
15579 UW Perinsula Piceline Selevici				1,100	9	321 93	98				5.63	5			29.371.054
15o80 UKV Bdpl Felizibility Lingrado -			-	168,10		1,282.15	si -	-			B1 585,49	6 -			781,631,363
15o81 UKV Bool Reliability - Populina			-	83,54	-	250 86					41 943, 18	9 -			21 (835,748
19382 UW Crystol Springs Pa & Carea 19583 UW J Nound Res - Urgrade (no.				11,580	2 .	91.20	м .				359,95				195,737,614 44,400,314
1555 UW Signaturi Res Organie (ros. 15584 UW San Jazquin Pipe ine System						160.00	an .				1	6			209.401.963
15/385 UKV Rahen Pyisting San Joaquin		0				25			0	0	1,67	3	5,17	1	22,105,476
10058 UKV Calaneras Dem Replacement	635,	081	55,715	41,490	51,062,51	89 22,711.04	3 /69	8 .			22 232 49	1 51,254,3	95 125,233,82	6	805,255,182
16597 UW San Antonio Backup ≥ celine						30 35					6.63	4			55,252,003
16666 UW Voortein Turne Lining the.															36,627
15:350 UKV Fratty Intako Kos kasy Wo * 10/330 UKV Crystol Sprince FI #2 Repte						10									81,490 07,913,097
16661 UW San Archess #5 Pipeline Ins						36									07,913,097 26,515,693
15oSZ UW Hool No 354 Cross Connacto						1.24	aı .				1.01	e .			30 765 366
10/323 LKV Bwrth Expension-Impred Wat						50					47				135.717.003
1989/ UK/ Swr.p New Pipe ne															115,496
16965 UW Foods Furnel Repairs (Ne															34,624
16d90 UW Testa Treatment Facility						181	16				21	2	5/8		15,335,764
15o38 UW San Artiono Pump Starion Up 16539 UW Enstronnerral Impex Projec			-							-			529	0	15,985,614
15dSP UW Environmental Imper: ≥ ojec 15dCb UW Hobits : Reverse Pagern		-		6,905,23	1 5,000,00	00 234954	6				189:30		326,17	R	411,513 97,401,900
				*********							.20.00		449.11		
								September							
								SARCE SC T							

	7			2018R 2018AB						CP3 Commercial	CP2 Commercial	CP4 Convinction	
	2015A Bond Series	2016A Bond Series	2019C Bond Series	Reservo Releaso	2017A Bond Series	2017B Bond Series	2017C Bond Series	2020B Bond Series	2020C Bond Series	Paper	Paper	Paper Tot	lal l
16901 UkV Vegetation Restoration Vivilip					21 163								2,000,700
16803 UW State ethnic Intertie										173			8,275,118
15805 UW Baden And San Pedro Valve .					2 874								25,735,350
15606 UKV Program Management Scenara													1,100,94
10907 UKV Dasted Stip Lining - Peop													2,005,16
16608 UW Watershed Environmental Imp				2,900,330	299 601					5 450,700	232,727	< 147.628	16,104,617
16812 UW Automated Melen Reading Sys									3,231,922				5.331,900
15613 UKV Automated Mater Roading Sys									1,025,000				81, 131, 43
19517 UKV Building & Grounds Priprosein		673,38	3						1,030,891				1,694,24
16819 UW New Toy Station Corp.									49.20				19,20
15G72 UW Hav Division Pipeline Lipgra					98010			226.13		10/8300	62',517		2.307,016
10023 UKV Parinsula Water System Impr	134,150				692 636			9,754.80		2 083 900			12.300,01
1667/ UW San Joseph Viste: Sire Impro			10,110		100 524			4/1,48		276,424	379,517	938,823	2,124,87
16879 UrV Sunot Valley Water System I					185 173			162.62		2 172 175	698,740	355,/41	4,615,45
17324 AD Fuo Revenue Bond Oversight													1,441,43
17/21 UH Non Waip Water Bond-co Expo						256:374	30,000.00				80 CD / 32		136,731,19
19998 UkV Rollins Road Furchose								9,783,13					9,057,19
20534 New Serices Cornection Program													
Stock lown of team Pipeline								2,215 19					2.015, 29
200/11 Writer Diversit cation His jeds	-												
21302 Regions Water Treatment RNR								411.42					411,42
21398 New CDD Lieucquarters													
59989 FY 6/17 Convenier													20
otal	\$ 830,23	\$ 10,709,29	\$ 20,507,040	\$ 64,741,018	\$ 45,383,356	\$ 147,090,097	\$ 39,000,00	0 5 69,834,61	5 S 75,864,830	S 225,306,822	\$ 140,875,446	\$ 101,451,645 \$	4,670,657,02

Source data: PeopleSaft 8t entract date: 2022 00 to Indyanas by Self-IJC Accuracy - Paracoal Appointing -

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

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

by enterprise, bond series

	Official	Refundings -		Adjustments -				Debt Service	Net		
	Statements	Commercial		Other		Actual		Reserve	Investment		Available
	(Proceeds)	Paper		Proceeds *		Deposits		Releases	Earnings		Proceeds
Wastewater											
Bond Series 2010A	\$ -	\$ 50,000,000	\$	733,020	S	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		*	18		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	V.			-		-		- L	14,420,040		14,420,040
OTI Fr 1G-General Fund				239,730		239,730		-	-		239,730
Settlement Income from PG&E		19		2,945,000		2,945,000		=	-		2,945,000
TOTAL	\$ 1.209.257.142	\$ 628,516,438	s	274.077.552	\$	2.111.851.133	s	12.408.732	\$ 14,420,040	S	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

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

Wastewaler 1004 Core, FAMIS Proj fd but no Proj \$ 11008 Interm Clean Water Cip 11008 Interm Clean Water Cip 1004 Social Projects Mise Imp 1507 WY Treasure Intern. Capital mp 1507 WY Treasure Intern. Capital mp 1517 WW Social Alexandre Facen 1571 WW Social Alexandre Facen 1571 WW Social Alexandre Facen 1571 WW Social Beach Project 15716 WW Social Beach Project 15716 WW Social Beach Project 15716 WW Social Rose Code Code 15717 WW Islan Creek Code 15717 WW Islan Creek Code 15717 WW Islan Creek Code 15717 WW Code Water Code Code 1572 WW Project Management Allocat 1572 WW Code In Expendition receivin 1572 WW Code In Beach System 1572 WW Code In Beach System 1573 WW Code In System Improveme 1577 WW Code In Beach System 1573 WW Code In System Improveme 1573 WW Code In Beach System 1573 WW Flood Real Incode Phytraulia 1573 UW Flood Real Incode Programs 1573 WW Flood Real Incode Phytraulia 1573 UW Flood Real Incode Phytraulia	12,390 11,909,280 92,082 18,918 96,117 9,446 9,446,509 2,171,610 72,320 191,202 3,459	\$ 3,315 \$ 94,569,208 \$ 2,577,198 \$ 590,954	8,591 \$ 128,775,140 1,681,809 1,947,841 1,761,770 172,900 5,550,065 1,505,767 1,323,326 616,868 63,300	- S	905 \$ 11.618,299 2,168,887 8,300,688 8,402,385	\$	(25,524) \$ 3,999,976 45,802 47,802 8,730,180 11,782,980 22,666,785 10,368,775		
11043 Interim Clean Walter Cp 11044 Special Projects Mise Imp 15/07 WW Tressure Islama Capital Imp 15/07 WW Tressure Islama Capital Imp 15/07 WW Bothed Asternative Energy 15/17 WW Bothed Asternative Energy 15/17 WW Bothed Asternative Energy 15/17 WW Collection Divisions Corsol 15/17 WW Collection Divisions Corsol 15/17 WW W Collection Collection 15/17 WW Collection System Improveme 15/17 WW Collection	11,909,290 92,062 18,918 96,117 9,446 9,446,539 2,171,610 - 72,320 191,202 3,459	94,599,208 2,527,158	129,775,140 1,931,009 1,347,841 1,761,770 172,900 6,550,065 1,505,767 1,323,526 816,888	- S	11,618,299 - - 2,168,887 8,300,688		3,599,976 45,802 8,730,180 11,752,080 22,666,785	\$	
11044 Secial Projects Misc Imp 15710 WW Bond commercial Paper Expen 15710 WW Bond commercial Paper Expen 15710 WW Bond commercial Paper Expen 15712 WW Bond Alternative Energy 15713 WW Project Menagement 15714 WW Core Beach Project 15714 WW Core Beach Project 15714 WW Core Beach Project 15714 WW Low Impact Design Project 15717 WW Low Impact Design Project 15717 WW Low Impact Design Project 15718 WW Low Impact Design Project 15724 WW Project Wanagement Allocat 15725 WW Project Wanagement Allocat 15726 WW Core Beach Project 15727 WW Central Beyons System Improvement 15737 WW Central Beyons Design Project 15737 WW Central Beyons Beyo	92,062 18,918 96,117 9,446 9,446,539 2,171,610 - 72,320 191,202 3,459	2,527,158	1,891,809 1,247,841 1,761,770 172,900 6,550,066 1,505,757 1,323,526 816,888		2,168,887 8,300,665		45,802 - 8,730,180 11,752,080 22,666,785		
15/07 WW Tressuire Island Capital mp 15/10 WW Bods commercia [Paper Expen 15/12 WW Bods Atternative Energy 15/12 WW Bods Atternative Energy 15/12 WW Bods Menagement 15/15 WW Guilection Division Correal 15/15 WW Guilection Division Correal 15/16 WW Southeast Community Center 15/17 WW Island Crosk Cutfal 15/18 WW Love Impact Design Project 15/18 WW Cutfal 15/18 WW Suffal 15/18 WW Floot Resilience In Charme Force	18,918 96,117 9,446 9,446,539 2,171,610 72,320 191,202 3,459		1,347,841 1,761,770 172,900 6,550,066 1,505,767 1,323,526 816,888		8,300,668		45,802 - 8,730,180 11,752,080 22,666,785		
19710 WW Bond commercial Paper Expen 19712 WW Buthal Alternative Energy 19713 WW Project Menagement 19714 WW Collection Division Correct 19714 WW Collection Division Correct 19716 WW Scalebase Community Center 19716 WW Scalebase Community Center 19716 WW Scalebase Community Center 19716 WW Low Impact Design Project 19718 WW Low Impact Design Project 19718 WW Low Impact Design Project 19718 WW Works St. List 19720 WW Project Wanagement Allocat 19722 WW Works Rer Collection System 19723 WW Collection System Improveme 19727 WW Central Bayloss System Improveme 19737 WW Central Bayloss System Improveme 19737 WW Central Bayloss System Improveme 19737 WW Central Bayloss Design Improveme 19737 WW Central Bayloss Design Improveme 19737 WW Central Bayloss Bystem Improveme 19737 WW Central Bayloss Bystem Improveme 19737 WW Central Bayloss Bystem Improveme 19737 WW Flood Realience In Chammer Force	96,117 9,446 9,446,539 2,171,610 72,320 191,202 3,459		1,761,770 172,900 6,550,066 1,505,767 - 1,323,526 816,888		8,300,668		45,802 - 8,730,180 11,752,080 22,666,785		
15712 WW Bohule Attensive Energy 15713 WW Project Management 15744 WW Ocean Beach Project 15744 WW Ocean Beach Project 15716 WW Sculment Corsol 15716 WW Sculment Correl 15716 WW Sculment Correl 15716 WW Sculment Correl 15717 WW Island Correl 15717 WW Island Sculment Sculment 15718 WW Low Impact Design Project 15718 WW Western St Lic 1572 WW Wester Hr Collection System 1572 WW Wester Hr Collection System 1572 WW Wester Brogues St Lic 1573 WW Sculment Beyond System reg 1573 WW Scilment System System reg 1573 WW Scilment Force	9,448 9,446,539 2,171,610 72,320 191,202 3,459		172,900 8,560,066 1,505,767 1,323,526 816,888		8,300,668		8,730,180 11,752,080 22,668,785		
16713 WW Frojek Menagement 16714 WW Coen Beach Project 15715 WW Collection Division Correct 15716 WW Schlenbeat Community Center 15716 WW Schlenbeat Community Center 15717 WW slate Creek Cutter 15717 WW slate Creek Cutter 15717 WW Schlenbeat Schlenbeat 15721 WW Project Management Allocat 15722 WW Project Management Allocat 15722 WW Central Edylects System Improveme 15727 WW Central Edylects System Improveme 15727 WW Central Edylects System Impr 15728 WW Central Edylects System Impr 15729 WW Central Edylects System Impr 15729 WW Central Edylects System Impr 15730 WW Schlenbeat System Impr 15731 WW Schlenbeat Schlenbeat Systems Force	9,448 9,446,539 2,171,610 72,320 191,202 3,459		172,900 8,560,066 1,505,767 1,323,526 816,888		8,300,668		11,752,080 22,666,785		
16714 WW Ocean Beach Project 15716 WW Olician Division Corsoli 15716 WW Southeast Community Center 15716 WW Southeast Community Center 15717 WW Islast Corolec Quiffall 15718 WW Low Impact Design Project 15718 WW Low Impact Design Project 15723 WW West Project Waragement Allocati 15720 WW West Project Waragement Allocati 15720 WW West Project Waragement Allocati 15721 WW Outfall Inspection receivin 15721 WW Outfall Inspection receivin 15721 WW Outfall Inspection Replant Improve 15725 WW SSIP Beachts-digester Pro 15726 WW SIP Beachts-digester Pro 15726 WW SIP Community Management 15730 WW Flood Realience hydraulic 15730 WW Flood Realience hydraulic	9,446,539 2,171,610 - 72,320 191,202 3,459		5,550,065 1,505,757 1,323,526 816,888	:	8,300,668		11,752,080 22,666,785		1
1971's WY Collection Division Coresii 1971's WW Southeast Community Center 1971's WW Southeast Community Center 1971's WW Low Inside Creek Cutfall 1971's WW Low Inside Creek Cutfall 1971's WW Low Inside Creek Project 1971's WW Waterus St Lit. 1971's WW Outer Southeast Control 1972's WW Outer Inspection receivin 1972's WW Outer Inspection Repetion 1972's WW Central Bayasca System Impr 1972's WW Central Bayasca System Impr 1972's WW Self Besouthe-dispessor Pro 1972's WW Self Besouthe-dispessor Pro 1972's WW Self Described Community Central 1973's WW Flood Real lience hydraulia 1973'd WW Flood Real lience hydraulia 1973'd WW Flood Real lience hydraulia	2,171,610 - 72,320 191,202 3,459		5,550,065 1,505,767 1,323,526 816,888	:	8,300,668		11,752,080 22,666,785		
1571 WW Southeast Community Center 1571 WW Islaw Croek Cutfall 1571 WW Low Impact Design Project 1571 WW Islaw Impact Design Project 15720 WW Project Management Allocat 15720 WW Cutfall Inspection receivin 15723 WW Cutfall Inspection receivin 15724 WW Cutfall Inspection receivin 15724 WW Catfall Bayacta System Impro 15724 WW Catfall Bayacta System Impro 15725 WW Catfall Bayacta System Impro 15726 WW School Realience hydraulio 15731 WW Pictor Realience bydraulio	2,171,610 - 72,320 191,202 3,459		1,505,757 1,323,526 816,888				22,666,785		:
15/17 WW Islas Croek Outfall 15/18 WW Low Impact Design Project 15/18 WW Low Impact Design Project 15/19 WW Vaternas St Liu 15/20 WW Project Management Allocat 15/22 WW Work Brr Calection System 15/23 WW Outlan Impaction receivin 15/28 WW Collection System Improveme 15/28 WW Collection System Improveme 15/27 WW Central Bayasian System Improveme 15/28 WW SISP Bosolids-digester Pro 15/28 WW SISP Bosolids-digester Pro 15/28 WW SISP Resident Systems 15/39 WW Flood Resilience bydraulio 15/39 WW Flood Resilience bydraulio	72,320 191,202 3,459	580,954	1,323,526 816,888	:	8,402,385				:
16718 WW Low Impact Design Project 1573 WW Varieurs St Lic	72,320 191,202 3,459		1,323,526 816,888	:	i	:	10,266,775	1	
15713 WW Valencia SI Li. Li 15720 WW Project Management Allocati 15722 WW Wee Rin Calection System 15723 WW Culler Inspection receivin 15728 WW Culler Inspection receivin 15728 WW Culler Bayssia System Improveme 15728 WW Culler Bayssia System Improveme 15728 WW SIP Bosolitis-digester Pro 15728 WW SIP Bosolitis-digester Pro 15728 WW SIP Rosolitis-digester Pro 15739 WW Flood Resilience bydraulio 15730 WW Flood Resilience bydraulio 15731 WW Flood Resilience For Cennue Force	191,202 3,459		816,888		-	-	-	1	
19720 WW Project Management Allocati 19720 WW Weel ProCalection System 19723 WW Outfall Inspection receivin 19728 WW Collection System Improveme 19727 WW Central Elayteca System Impr 19720 WW Stell Flooridis-dispected Fro- 19720 WW Flooridis-dispected Fro- 19730 WW Flooridis-dispected Fro- 19731 WW Nothinaver To Chamme-Force	3,459			-	-				
15/22 WW Www Rr Culcitor System 15/23 WW Outli Inspection receivin 15/28 WW Culcit Inspection receivin 15/28 WW Culcitor System Improveme 15/27 WW Cellection System Improveme 15/27 WW SEIP Bosolids-digester Pro 15/28 WW SEIP Bosolids-digester Pro 15/28 WW SEIP Bosolids-digester Pro 15/29 WW SEIP Storywater Management 15/30 WW Flood Resilience bydraulo 15/31 WW Nothinder To Channel Force			63.300						
157:28 WW Outfall Inspection receivin 157:28 WW Outcoton System Improvemen 157:27 WW Central Baysos System Impr 157:29 WW SSIP Biosolids-digester Pro 157:29 WW Stormwaler Management 157:30 WW Flood Resilience hydraulic 157:31 WW Northanoler To Channel Force				-				4	
15728 WW Collection System Improveme 15727 WW Certail Baysice System Impr 15728 WW SSIP Bisodids-digester Pro 15728 WW Stormwater Management 15730 WW Flood Resilience hydraulio 15731 WW Northshore To Chennel Force	14,996,357	18,669,471	31,118,098	-	38,296,252	9	132,078,199	-	
15727 WW Central Baylsole System impr 15728 WW SSIP Blosolids-digester Pro 15728 WW Stormwater Management 15730 WW Plood Resilience-hydraulio 15731 WW Northshore To Channel Force	412,105		5,682,155		382,785		34,479		
15728 WW SSIP Biosolids-digester Pro 15729 WW Stormwater Management 15730 WW Flood Resilience-hydraulic 15731 WW Northshore To Channel Force		1,681,923	18,400,521	26,075,449		37,584,362		28,560,056	43,423,258
15729 WW Stormwater Management 15730 WW Flood Resilience-hydrautic 15731 WW Northshore To Channel Force	7,730	11,265,471	13,749,802	6,580,706		9,029,124		838,453	418,717
15730 WW Flood Resilience-hydraulic 15731 WW Northshore To Channel Force	11,240,041	44,966,131	38,794,169	24,865,499	-	55,959,809	-	79,103,494	57,533,323
15731 WW Northshore To Channel Force			26,684,772	18,601,984		7,283,077		3,565,452	16,570,511
					- 2	267,630			4,188,142
	-	-	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 WWV 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 Fuc Revenue Bond Oversight	9	10,019							
17732 WW Bond-commercial Paper Expen		4,744,463	2,630,097		3,490,980		11,830,009		
20507 SE Outfall Assessment & Rehab	63,425				274.308		3.945		

PAGE 3 OF 4

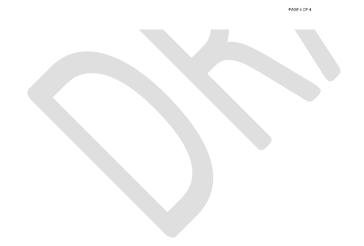
Source data: FeopleSoft BI, extract date: 2022-08-14 Prepared by: SFPUC Finance - Financial Reporting & Analysis Division



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
Vastewater						
10004 Conv_FAMIS Proj fd but no Proj	- S	- S	324 9	- S	- \$	
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 WWV Tressure Island Capital Imp	722,380					6,089,116
15710 WW Bond commercial Paper Expen						45,802
15712 WW Biofuel Alternative Energy	9		-	-	-	1,857,887
15713 WWV 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	37,858,722	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 WWW W/we Rrr 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 Improveme		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	88,711		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 WWV 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 S	518,576,220 S	14,062,933 9	239.730 S	2.945,000 S	2,388,550,268

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



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	Ava	ilable Proceeds	Ca	pital Expenditures	Unexp	ended 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)		8
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

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

by enterprise, bond series

							С	Debt Service			
	Official Statements			Reserve Net Investment							Available
			Adjustments Actual Deposits					Releases	Ear	rnings/Expense	Proceeds
Hetchy Water											
2011B	\$	27,710,000	\$	·	\$	27,710,000	\$	-	S	-	\$ 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	\$	-	S		\$ 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
2021A8		82,709,609		(1,029,262)		81,680,346		-		-	81,680,346
2021B8		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	\$	-	s	1,133,041	\$ 432,909,630

Adjustment notes

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

Prepared by: SFPUC Finance - Financial Reporting & Analysis Division

¹2017C \$265K variance is due to commercial paper interest.

²2020D \$200K variance is due to accrued interest expense paid by the Water Enterprise.

³2008 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.

⁴2011 QECB \$74K variance is due to costs of issuance and underwriters' discount.

^{\$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.

⁶2015 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.

⁷2015AB \$20K variance is due to RBOC fees project.

⁸2021AB \$1.0M and \$684K variances are for interest paid on commercial paper prior to bond issuance.

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

	2011B Bond	2017C Bond	Commercial Paper	Hetchy Water Total		
Hetchy Water						
10004 Conv_FAMIS proj fd but no proj	S -	\$ 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			la la	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																
	2	008 CREB	2011 QECB		CB 2012 NCREB		2015NCREB		2015B Bond		2021A Bond		2021B Bond		Commercial Paper	Hetchy Pow Total	
Hetchy Power									23		30	60		59		100	
10000 Operating	\$		\$	-	\$	2	\$	1,457	\$	-	\$ -	\$	-	\$	27	\$	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		-		-				100		2,046,466			702,404		237,901		2,986,771
15372 UH Distribution Services Retail		-		-		-		- 1		-	43,984,882		27,298,718		12,630,478		83,914,078
15374 UH 525 Golden Gate-non Construction		-		8,216,605				14									8,216,605
15377 UH Streetlight Replacement		-		-		21		12		-	_		-		137,136		137,136
15397 UH Sea Civic Center Solar						3,610,215		10		-			2		-		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		-		-		-		100		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

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 2021AB Wastewater Revenue Notes	\$298 million
	2022B Wastewater	\$347 million
	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

[SFPUC please add the bond expenditure certification for the fiscal year] - To be completed upon issuance of the FY2022 Audited Financial Statements



Appendix VI – RBOC Account Summary



RBOC Acc	ount Summary June 2022				
	Funding Sources (\$)				
	Series	SW Water	C Wastewater	5T Hetchy Power Tot	al
	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
Α	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		2,910
	RBOC Strategic Planning Meeting - 2016	1,078	1,078		3,234
	RBOC Strategic Planning Meeting - 2017	770	770	770	2,310
	CSA BILL FY20	11,467			
	CSA Bill FY21	19,443	00.000		
	CSA Bill FY22	358,835	86,230		1 550 750
В	Subtotal Actual Charges	1,438,142	118,798		1,559,758
A-B	Available Funds Before Pending Charges	1,191,899	886,892	107,561	2,186,352
С	Pending Charges				
	Subtotal Pending Charges	1 101 000	906 903	107 561	2 106 252
A-B-C	Available Funds After Pending Charges	1,191,899	886,892	107,561	2,186,352



PUBLIC UTILITIES REVENUE BOND OVERSIGHT COMMITTEE CITY AND COUNTY OF SAN FRANCISCO MINUTES DRAFT

REMOTE MEETING

September 13, 2022 - 9:00 AM Regular Meeting

Remote Access to Information and Participation

On March 17, 2020, the Board of Supervisors authorized their Board and Committee meetings to convene remotely (via Microsoft Teams) and will allow remote public comment via teleconference.

Members of the public may participate by phone or may submit their comments by email to: RBOC@sfgov.org; all comments received will be made a part of the official record. Revenue Bond Oversight Committee agendas and their associated documents are available at: https://sfpuc.org/about-us/boards-commissions-committees/revenue-bond-oversight-committee

As the COVID-19 disease progresses, please visit the Board's website (www.sfbos.org) regularly to be updated on the current situation as it affects the legislative process. For more information contact Assistant Clerk Victor Young at (415) 554-7723.

Mission: The Revenue Bond Oversight Committee (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 RBOC's goal is to ensure that SFPUC revenue bond proceeds are spent for their intended purposes in accordance with legislative authorization and other applicable laws.

1. Call to Order, Roll Call, and Agenda Changes

Members:

- Seat 1 Vacant
- Seat 2 Claire Veuthey
- Seat 3 Ettore Leale, Chair
- Seat 4 Lars Kamp
- Seat 5 Vacant
- Seat 6 Christina Tang
- Seat 7 Reuben Holober

The Revenue Bond Oversight Committee meeting was called to order at 9:07 a.m. On the call of the roll, Chair Leale and Members Tang, Holober, and Veuthey were noted present. Member Kamp was noted not present. A quorum was present.

There were no agenda changes.

2. **RBOC:** Findings to Allow Teleconferenced Meetings During Declared Emergency

Proposed Motion: ADOPT FINDINGS as required by Assembly Bill 361 that 1) the Committee has considered the circumstances of the state of emergency; 2) the state of emergency continues to directly impact the ability of policy body members to meet safely in person; and 3) state or local officials continue to impose or recommend measures to promote social distancing.

Chair Leale, seconded by Member Tang, moved to ADOPT FINDINGS as required by Assembly Bill 361 that 1) the Committee has considered the circumstances of the state of emergency; 2) the state of emergency continues to directly impact the ability of policy body members to meet safely in person; and 3) state or local officials continue to impose or recommend measures to promote social distancing.

Public Comment: None.

The motion PASSED by the following vote.

Ayes - 4: Leale, Holober, Veuthey, Tang

Noes - 0: None

Absent - 1: Kamp

3. **Public Comment:** Members of the public may address the Revenue Bond Oversight Committee RBOC) on matters that are within the RBOC's jurisdiction but are not on today's agenda.

Public Comment:

David Pilpel expressed concern related to the Public Utilities Commission nominations and loss of members.

4. **SFPUC:** Hearing on Finding #1 of the RBOC Performance Audit – Visibility of Bond Expenditures. (Presentation by Nancy Hom, Chief Financial Officer and AGM of Business Services)

Eugene Yano (Yano Account Associates); Nancy Hom and Charles Perl (SFPUC); provided updates and responded to questions from the committee.

No Action Taken. Reschedule next meeting

Public Comment:

David Pilpel provided an analysis on certain portion of the report and made suggestion.

5. **SFPUC:** Hearing on Finding #2 of the RBOC Performance Audit – Quality Assurance Program. (Presentation by Stephen Robinson, AGM of Infrastructure)

Dan Dawson; Stephen Robinson (SFPUC); provided updates and responded to questions from the committee.

No Action Taken.

Public Comment: Speakers:

David Pilpel provided an analysis on certain portions of the report and made suggestions.

6. **RBOC**: Audit update.

Hunter Wang (Controller's Office); Eugene Yano (Yano Account Associates); Paul Pocalyka (HKA Associates); provided updates and responded to questions from the committee.

No Action Taken. Schedule at next meeting.

Public Comment: Speakers:

David Pilpel commented on various aspects of SPUC projects and process.

7. **RBOC:** Planning for future audits to evaluate the performance of projects funded by Revenue Bonds.

Hunter Wang (Controller's Office); Mark Blake (Office of the City Attorney); Charles Perl and Nancy Hom (SFPUC); provided updates and responded to questions from the committee.

The RBOC requested additional information on the confidentiality of the City Services Auditor (Controller's Office) draft work products/reports.

No Action Taken. Schedule at next meeting.

Public Comment:

David Pilpel commented on the audit schedule and work product.

8. **RBOC:** Draft Annual Report.

Chair Leale provided an update.

No Action Taken. Schedule at next meeting.

Public Comment:

David Pilpel provided suggestions to the annual report.

9. **SFPUC:** Site visits updates (Proposed schedule for visits to Hetch Hetchy, Oceanside, and others over the current fiscal year.)

The RBOC discussed possible site visit dates and suggested the following:

Oceanside Plant – Possible October 27[,] 2022 or November 4, 2022

Upcountry Visits – discuss in the future (Spring)

No Action Taken. Schedule at next meeting.

Public Comment:

David Pilpel stated his intention to attend and commented on the difficulty of a quorum attending the site visit.

10. **Approval of Minutes:** August 16, 2022, Meeting Minutes.

> Edward Kwong (SFPUC); provided updates and responded to questions from the committee.

Moved by Member Vuethey, Seconded by Chair Leale, moved to approve the August 16, 2022, meeting minutes as amended.

Public Comment:

David Pilpel provide suggestions on the draft. Speakers:

The motion PASSED by the following vote:

Ayes- 4: Leale, Holober, Veuthey, Tang

Noes - 0: None Absent - 1: Kamp

11. Announcements, Comments, Questions, and Future Agenda Items.

There were no discussions.

Upcoming Meeting Dates: October 18, 2022, November 15, 2022, and December 13, 2022, January 17, 2023, February 14, 2023, and March 14, 2023.

Future Agenda Items/Issues:

- A. Request that SSIP Quarterly reports include information on Stormwater Management System and details on the bidding climate and possible cost increase)
- B. RBOC: Acquiring consultant to examine expected performance of complete projects.
- C. SFPUC: Staff Report: Environmental Justice
- D. SFPUC: Power Enterprise and Clean Power SF Update
- E. SPFUC: Mountain Tunnel Site Tour
- F. SFPUC: State Federal Loan Updates
- G. SFPUC: Oceanside Wastewater Plant Tour
- H. RBOC: Discussion on the 2015 report, entitled "Evaluation of Lessons Learned from the WSIP Program," procedures and reporting processes taken from WSIP applied to SSIP
- I. SFPUC: Wastewater System Improvement Program Update
- J. RBOC: Discussion on the coordination of PUC Site Tours

12. **Adjournment**

The meeting adjourned at 10:45 a.m.

N.B. The Minutes of this meeting set forth all actions taken by the Revenue Bond Oversight Committee on the matters stated but not necessarily in the chronological sequence in which the matters were taken up.

Approved: Draft

Item No. 18 Resolution to Establish (Renew and Expand) – Tourism Improvement District

Item No. 20 Roll Call for Introductions

Item No. 21 Public Comment

For Adoption Without Committee Reference – Items No. 22 through 25

Item No. 23 Urging Support for the Burmese People in the Long Fight Against Oppression

Item No. 24 Urging the Recreation and Parks Department to Develop and Install Signage Acknowledging Sharp Park Dark History as a Concentration Camp Item

Meeting Adjourned

Agenda Item Information

Each item on the agenda may include: 1) Department or Agency cover letter and/or report; 2) Public correspondence; 3) Other explanatory documents. For more information concerning agendas, minutes, and meeting information, such as these documents, please contact RBOC Clerk, City Hall, 1 Dr. Carlton B. Goodlett Place, Room 244, San Francisco, CA 94102 – (415) 554-5184.

Audio recordings of the meeting of the Revenue Bond Oversight Committee are available at: http://sanfrancisco.granicus.com/ViewPublisher.php?view_id=97

For information concerning San Francisco Public Utilities Commission please contact by e-mail RBOC@sfgov.org or by calling (415) 554-5184.