



DRINKING WATER TREATMENT REVOLVING LOAN FUND (DWTRLF) ANNUAL REPORT

State Fiscal Year 2022

Submitted to the
U.S. Environmental Protection Agency
Region IX

By the
State of Hawaii
Department of Health
Environmental Management Division
Safe Drinking Water Branch

December 15, 2022

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OPERATIONS & ADMINISTRATION SECTION

A. INTRODUCTION

This annual report is submitted to the United States Environmental Protection Agency (EPA) in compliance with the requirements of Title 40, Code Federal Regulation (40 CFR) §35.3570(a). It covers the reporting period State Fiscal Year (SFY) July 1, 2021 to June 30, 2022 and describes how the Hawaii Drinking Water Treatment Revolving Loan Fund (DWTRLF) met its goals and objectives as identified in the Intended Use Plan (IUP) and Capitalization Grant Application. This report also discusses the sources and uses of the funds during SFY 2022.

B. PROGRAM SUMMARY

Nationally, the Drinking Water State Revolving Fund (DWSRF) program was established under the Safe Drinking Water Act (SDWA) Amendments of 1996, signed by President Clinton on August 6, 1996. This authorized the EPA to award capitalization grants to states.

The State of Hawaii DWTRLF program was established by the 1997 State Legislature as the result of the 1996 Federal amendments to the Safe Drinking Water Act. This allowed the state Department of Health (DOH) to accept the capitalization grants from the EPA.

Hawaii's program provides low-interest loans to eligible drinking water systems for the construction of drinking water infrastructure projects and other eligible projects as defined by 40 CFR 35.3520. These projects help to achieve or maintain compliance with drinking water standards, improve and expand their drinking water infrastructure, and help protect the public's health and the environment of Hawaii.

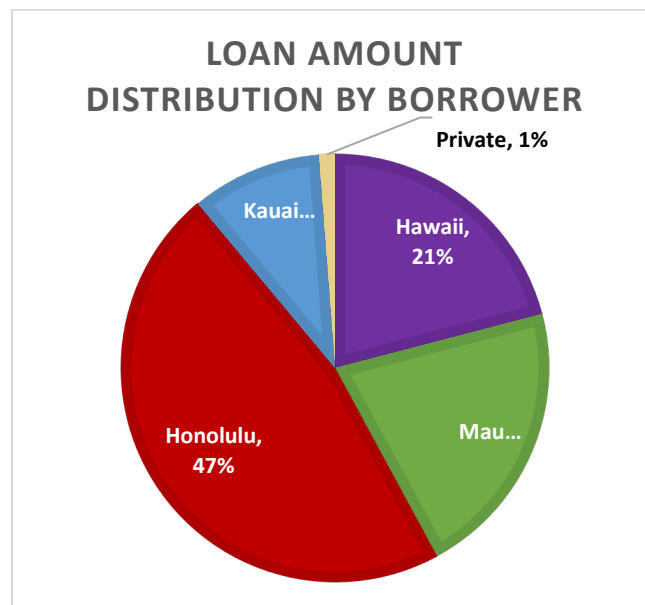
C. MAJOR INITIATIVES

From SFY 1997 through SFY 2022 the DWSRF has issued \$430,123,380.17 of final loans to the state's regulated water systems. The cumulative loan amount issued to each borrower is:

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Borrower	Cumulative Final Loan Amount (\$)
Kauai Department of Water (KDOW)	42,460,755.18
Honolulu Board of Water Supply (HBWS)	201,492,485.96
Maui Department of Water Supply (MDWS)	91,051,744.28
Hawaii Department of Water Supply (HDWS)	90,016,069.75
Privately-owned Water Systems	5,102,325.00
Total	430,123,380.17

The chart below illustrates the share of loans issued to each borrower since the program's inception.



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Final Loan Agreements executed in SFY 2022:

Borrower	Project Name	Project Location	Loan Amount (\$)
HDWS	Emergency Well Repairs 1	Hilo, HI	1,000,000.00
HDWS	Hawaii DWS Pro-Fi SFY 2022	Hilo, HI	10,000,000.00
HBWS	Honolulu BWS Pro-Fi SFY 2022	Honolulu, HI	11,500,000.00
Pepeekeo Water Association, Inc.	North Easements Waterline Replacement	Pepeekeo, HI	1,149,750.00
Hana Water Systems LLC	Helani Waterline Replacement	Hana, HI	1,000,000.00
Hawaiian Shores Community Association	Water System Fire Hydrant Replacement	Pahoa, HI	275,000.00
Hawaiian Shores Community Association	Water System Auto Read Meter Transmitter Replacement	Pahoa, HI	55,770.00
Total Final Loan Agreements			24,980,520.00

Meeting Funding Requirements

1. State Matching Funds

Required state matching funds equal to 20% of the total capitalization grant were provided by the Hawaii State Legislature.

Federal regulations, 40 CFR §35.3550(g) requires that the State must agree to deposit into its SRF an amount equaling at least 20% of the amount of each grant payment. The State must also identify the source of the matching amount in the capitalization grant application and must establish to EPA's Regional Administrator satisfaction that the source is not Federal money.

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The 20% state matching funds for the FFY 2021 capitalization grant were disbursed to the Programmatic Finance (Pro-Fi) loan Hawaii DWS Pro-Fi SFY 2022 and Federal funds were disbursed to the Pro-Fi loan Honolulu BWS Pro-Fi SFY 2022.

In SFY 2022 the program received an additional \$99,000.00 from the reallocation of the FFY 2019 capitalization grant (grant award no. 99986520) originally allocated to Wyoming. The 20% state matching funds were disbursed to the Pro-Fi loan Hawaii DWS Pro-Fi SFY 2022 and Federal funds were disbursed to the Pro-Fi loan Honolulu BWS Pro-Fi SFY 2022.

Funding sources are discussed in section B.2. of the Financial Section of this report. Since 1998, the Hawaii DWSRF program has disbursed \$423.05 million¹ in cumulative project assistance and has received cumulative state match contributions of \$47.49 million².

2. Commitment of Funds

The requirement is to commit funds in an amount equal to the amount of each Capitalization Grant payment (Capitalization Grant less set-aside and in-kind services amounts) of \$11,001,000.00 and \$99,000.00, and the accompanying State Match that is deposited into the Loan Fund. This requirement was met with the execution of \$24,980,520.00 in final loan agreements, as summarized in Attachment 20.

Of the thirteen (13) projects listed on the SFY 2022 Fundable List, seven (7) were executed by the end of SFY 2022. The status of the remaining six (6) projects that did not have executed loan agreements are summarized in the table below.

Project Number	Project Name	Reason DWSRF loan was not executed
KDOW-0001	Islandwide AMI Meter Replacement	Removed from DWSRF consideration at applicant request.
P-DW156-0003	HSCA Water Lateral Replacement	The project is undergoing plan review. Loan execution is expected in SFY 2023.
P-DW437-0001	0.5 MG Tank Replacement	Delays due to another project by the applicant. Loan execution is expected in SFY 2023.
P-DW328-0001	Honolulu BWS Metered Connection to Lot B	The project is in the planning and design stage. Loan execution is expected in SFY 2023.

¹ Disbursement based on the Loans and Grants Tracking System (LGTS) Disbursement Log Report (by warrant date) totals through June 30, 2022.

² Total based on LGTS Program Data; State Match "Net Amount Received" through the FFY 2021 grant.

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Project Number	Project Name	Reason DWSRF loan was not executed
P-DW168-0004	Keopu Water System Improvements	Project delays due to consultant's lack of familiarity with environmental review process. Loan execution is expected in SFY 2023.
P-DW150-0002	Napuu Water System Improvements	Additional funds may be needed to resolve easements. Loan execution is expected in SFY 2023.

3. Additional Subsidy

In SFY 2022 the Consolidated Appropriations Act (P.L. 117-103)³ required the DWSRF program to provide 14% of the capitalization grant (\$1,540,140.00) as additional subsidy to eligible recipients. AWIA further required at least 6% (up to 35%) of the capitalization grant (\$660,060.00) to be provided as additional subsidy to disadvantaged water systems. Disadvantaged water systems are those that score 45 or higher for affordability, based on the *DWSRF Project Rating Criteria* in the IUP. The minimum total 20% additional subsidy may be in the form of principal forgiveness, negative interest loans, or grants (or any combination of these). Additional subsidy is required to be committed in final loan agreements within one year of the award of the capitalization grant and is in the form of principal forgiveness. The projects with executed loan agreements in SFY 2022 that include additional subsidy are summarized in the table below.

SFY / FFY Grant	Project number/Project Name/Notes
SFY 2022 / FFY 2021	P-DW156-0004, Water System Fire Hydrant Replacement P-DW167-0001, North Easements Waterline Replacement P-DW201-0002, Helani Waterline Replacement
SFY 2021 / FFY 2020	Additional subsidy was reassigned from the P-DW156-0003, HSCA Water System Lateral Replacement project (aka Lateral Valve Replacement) to the DW213-0018, Pookela Well B Development due to the reduction of funds requested by the applicant. Supplemental loan agreement to increase additional subsidy was executed October 15, 2021.
SFY 2020 / FFY 2019	(Wyoming reallocation) DW213-0018, Pookela Well B Development project

³ Consolidated Appropriations Act (P.L. 117-103) public law <https://www.congress.gov/bill/117th-congress/house-bill/2471/text>

4. Federal Funding Accountability and Transparency Act (FFATA)

The FFATA requires the reporting of funded projects whose loan amounts add up to the amount of the capitalization grant (equivalency projects). The FFY 2021 grant requires that the equivalent amount of funds of the grant (\$11,001,000.00) be used on projects that meet equivalency requirements.

The equivalency requirement for the FFY 2021 (\$11,001,000.00) grant and FFY 2019 grant (\$99,000.00) from reallocation of Wyoming, were met by the HBWS-PF22, Honolulu BWS Pro-Fi SFY 2022 project (\$11,500,000.00).

An Equivalency Projects must comply with all of the following: a) FFATA Reporting Requirements, b) Single Audit Act (see 2 CFR 200 Subpart F), c) Federal Cross Cutters, d) Disadvantaged Business Enterprise, e) signage requirement and f) other equivalency requirements set forth in the current Capitalization Grant terms and conditions.

5. Reporting Requirements

In years prior to 2021, the major reporting vehicles were the DWSRF Project Benefits Reporting (PBR) system and the Drinking Water State Revolving Fund National Information Management System (DWNIMS). Reporting included information for projects with executed final loan agreements such as the use of funds for the Green Project Reserve (GPR) and Additional Subsidization.

The Office of Water State Revolving Funds (OWSRF) of EPA launched a new data system for reporting to replace the previous PBR system in 2021. There were delays in the launch of the new SRF Data System from its original September 10, 2021 date that resulted in reporting delays. The OWSRF Annual Data Collection for FFY 2021 was completed on October 29, 2021.

6. Minority Business Enterprises (MBE) / Woman Business Enterprises (WBE)

As part of the program's compliance with the federal SRF requirements, form 5700-52A (*U.S. Environmental Protection Agency MBE/WBE Utilization under Federal Grants, Cooperative Agreements, and Interagency Agreements*) is now submitted to EPA on an annual basis.

All forms are signed by the program's authorized representative and are on file with EPA.

7. Davis-Bacon Requirements

All DWSRF funded projects must meet the requirements of the Davis-Bacon Act in paying at or above Federal wage rates. The program requires the borrower's signature on each payment request that certifies compliance with the Act.

8. American Iron and Steel (AIS)

Each DWSRF-funded project must meet the requirements of AIS. Borrowers were asked to submit AIS certifications to DOH, when applicable. Certifications must be on the manufacturer letterhead, mention the location (city and state) that the material(s) was manufactured, the list of ordered materials, the project for which the item(s) was supplied, and signed by the manufacturer representative.

Certifications were uploaded to the respective project files in the Loans and Grants Tracking System (LGTS). No deficiencies were noted for SFY 2022.

An AIS product waiver was requested for DW213-0018 Pookela Well B Development for its pipe column material. The waiver was approved by EPA on July 14, 2021.

The DWSRF program allows its borrowers to use the AIS *De Minimis* waiver, at their discretion, if it is tracked and reported to DOH by the borrower. The P-DW303-0001, Kunia Village Potable Water System Upgrades project listed components as *de minimis*.

9. Signage Requirements

The program must comply with the SRF Signage Guidelines to enhance public awareness of EPA assistance agreements nationwide. This must be done for projects up to the amount of the capitalization grant.

The requirement was met with HBWS-PF22 Honolulu BWS Pro-Fi SFY 2022 and DW213-0018 Pookela Well B Development projects. Photos of the signs have been uploaded to the respective project files in LGTS.

10. Technical, Managerial, and Financial Capacity

Each DWSRF funded project must be reviewed for Technical, Managerial, and Financial (TMF) Capacity. TMF Capacity Review for loans issued in SFY 2022 were completed and supporting documents uploaded to the respective project file in LGTS.

D. PROGRAM AND SET-ASIDE ACTIVITIES

Sections 1452(g)(2) and 1452(k) of the Safe Drinking Water Act allows each state to set-aside up to 31% of its federal capitalization grant to support various drinking water program activities including administration, State program management, technical assistance and other special activities. The following activities were conducted in SFY 2022 under these set-asides:

1. Administrative Loan Fees and Administrative Cost (4%)

The state does not contribute any money toward administering the DWTRLF Program and its drinking water-related programs. Furthermore, federal law requires that the DWTRLF program be operated in perpetuity. Thus, to pay for employee salaries and benefits and to comply with the federal law, the DOH implemented a loan fee program on May 17, 2000. For SFY 2022, the DWSRF program collected \$2,484,345.15 in administration loan fees.

The Water Infrastructure Improvements for the Nation (WIIN) Act of 2016, §2103, provided “states with two additional options to calculate the maximum allowable Administration and Technical Assistance set-aside that can be taken for capitalization grants awarded after 12/16/2016. States may take up to \$400,000.00, 1/5th of a % of the current valuation of the fund, or 4% of capitalization grants awarded, whichever is greater” (2017 CIFA National Policy Conference presentation slide, N. Chamberlain). For SFY 2022, DOH used the 1/5th of a percent of the current valuation of the fund. The budget included partial funding of eight positions which would draw \$443,101.00 of the budget within one state fiscal year. The remaining budget would be used for related training registration fees and would be drawn in its entirety within one state fiscal year.

The balance remaining in the Admin DD (4% set-aside) as of June 30, 2022:

- FFY 2020 - \$57,115.37
- FFY 2021 - \$446,900.00

The DWSRF program used \$731,807.25⁴ in loan fee income to pay for employee salaries, benefits and other related SDWB operating expenses. A listing from the SFY 2022 IUP Amendment 1 pages 5-7 follows with updates:

1. DWSRF Administrative activities - costs of processing, issuing, and servicing loans, supporting engineering services, financial and legal consulting fees, reimbursement for support services from the State, and other DWSRF activities.
2. Public Water System Supervision Program (PWSSP) - costs to support:
 - a. Personnel salary, fringe, and indirect for one position

⁴ Based on cash/FAMIS numbers for SFY 2022

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- b. Scientific supplies and other operating expenses, other rental, postage, printing, telephone
- 3. Other SDWB activities costs to cover the budget shortages in the:
 - a. Groundwater Protection Program (GWPP)
 - i. Personnel salary, fringe, and indirect for one and three-fourths positions
 - ii. Interisland travel and other expenses for Administration, Project Review, and Public Participation
 - iii. Educational, scientific, and laboratory supplies
 - iv. Joint Government Water Conference 2021 (was not held due to COVID-19), laboratory analysis for Caffeine/Sweeteners in Groundwater Monitoring Projects, and UIC System Enhancement Contracts
 - v. Dues and other miscellaneous operating expenses
 - b. 10% Set-Aside budget:
 - i. Personnel salary, fringe, and indirect for one permanent geologist position for the Groundwater Protection Program, one Compliance Engineer for the PWSSP and portion for other attached Environmental Health Administration office staff
 - ii. Interisland travel and other expenses for Compliance, Training & Technical Assistance, quality assurance quality control monitoring
 - iii. Laboratory Maintenance Contracts for Chemistry and Micro Labs and training
 - iv. Safe Drinking Water Branch System Enhancement Contracts to begin the rebuild of the:
 - 1. Safe Drinking Water Information System (SDWIS) Viewer;
 - 2. Sample Analysis and Tracking System (SATS);
 - 3. Sample Collection and Reservation System (SCRS); and
 - 4. Loans and Grants Tracking System (LGTS) – The DWSRF program will contribute \$99,000.00 for the continuing sole-source services of Northbridge Environmental Management Consultants for the LGTS Maintenance and possible improvements. Future multi-year contracts for SFY 2024 and beyond will be procured by Request for Proposals with budgets of up to \$100,000.00 per SRF program per year.
 - v. Other operating expenses – advertising, other rental, printing, training, and registration fees
 - vi. Equipment – laboratory equipment
 - c. 15% Set-Aside Budget – no SFY 2021 Fees used for 15% Set-Aside support
 - d. 4% Set-Aside Budget for administration of the DWSRF program:
 - i. Personnel salary, fringe, and indirect for 10 positions (full and portions)
 - ii. Single Audit for DWSRF
 - iii. Travel and other expenses for Project inspections (mainland travel is pending state travel restrictions)
 - e. 2% Set-Aside Budget – The Safe Drinking Water Branch did not use \$20,000.00 of Fees in SFY 2022 to support the registration of small systems operators and board

members attendance at the annual Pacific Water conference which is a joint conference of the American Water Works Association (AWWA) – Hawaii Section and Hawaii Water Environment Association. Due to COVID-19, the conference was changed to a virtual format which was offered over a three-day period of February 1-3, 2022 and included technical presentations and networking opportunities. The registration rates were reduced due to the virtual conference format: \$50 for WEF and AWWA members and \$100 for non-members. SDWB and/or DWSRF-related presentations included:

- *Lead in Drinking Water Testing in Hawaii Schools and Childcare Facilities* by Ayako Tischler of TruePani Inc.
 - *EPA Drinking Water Regulatory Update* by Anna Yen of US EPA Region 9
 - *Hawaii Small Water Systems Roundtable*
4. DWSRF loan fund – funds within the DWSRF administrative loan fee account, less encumbrances, which are more than \$2 million are transferred each year to the DWSRF repayment accounts to be used for DWSRF loans.

The Hawaii Water Works Association Annual Conference scheduled for Fall 2021 and coordinated by the Maui Department of Water Supply was further postponed due to COVID-19.

2. Small Systems Technical Assistance (2%)

The 2% set-aside continues to partially fund the small systems technical assistance for Engineering Consulting and Asset Management contracts (also known as the Engineering Services Contract or ESC). Eight (8) qualified engineering services consultants were selected for a contract award on August 3, 2018. Six (6) of the contracts were modified to extend the expirations multiple times to December 31, 2021. Two contracts expired during SFY 2022 (July 31, 2021 and December 31, 2021) without receipt of deliverables and were not extended. Two (2) contracts were completed in SFY 2022. Four (4) of the remaining consultants are actively engaged with providing engineering assistance to small water systems.

Portions of the contracts are being funded with FFY 2018, FFY 2019, FFY 2021, and FFY 2022 Grant set-aside funds and Program Fees (see table below).

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ASO Log No.	19-148-M3	19-167-M3	19-186-M3	19-187-M3	20-147-M2	21-072
# & Consultant	Contract #1 = Okahara	Contract #2 = BCH	Contract #5 = ISLE	Contract #6 = Pryzm	Contract #7 = Imata	Contract #8 = MEH
PWS Assignment	150 Napu`u	437 MIC	168 Keopu	201 Hana	106 Pepeekeo	371 Poamoho
FFY2018 (2%) - 022207	\$ 20,000.00	\$ 19,000.00	\$ 20,000.00	\$ 60,000.00		
FFY2018 (15%) - 022207		\$ 19,000.00				
FFY2019 (2%) - 023207			\$ -	\$ 40,000.00	\$ 80,000.00	
FFY2019 (15%) - 023207	\$ 60,000.00	\$ 62,000.00			\$ 20,000.00	
FFY2020 (15%) - 024207	\$ 20,000.00					
FFY2021 (Fees) - 025207						\$ 100,000.00
FFY2022 (Fees) - 026207			\$ 80,000.00			
TOTAL	\$ 100,000.00	\$ 100,000.00	\$ 100,000.00	\$ 100,000.00	\$ 100,000.00	\$ 100,000.00

The balance remaining in the 2% set-aside DE as of June 30, 2022:

- FFY 2021- \$100,000.00

3. State Program Management (10%)

The Safe Drinking Water Act Amendments of 1996 provided that up to 10% of the DWSRF Capitalization Grant could be used for State Program Management. These funds were generally delegated to support four major activities listed below.

“The WIIN Act of 2016, §2103, eliminated the statutory text mandating the additional 1:1 match for the State Program Management set-aside. For capitalization grants awarded after December 16, 2016, states are no longer required to provide the additional match to receive this set-aside,” (2017 CIFA National Policy Conference presentation slide, N. Chamberlain).

The balance remaining in the 10% set-aside DF as of June 30, 2022:

- FFY 2019 - \$20,684.09
- FFY 2020 - \$575,463.59
- FFY 2021 - \$1,100,100.00

a. Public Water System Supervision Program

The SDWB continues to successfully implement the terms of the many drinking water rules for which it either has primary enforcement authority (primacy) or intends to apply for primacy. These include: the Revised Total Coliform Rule; the Ground Water Rule; the Surface Water Treatment Rule; Enhanced Surface Water Treatment Rule; the LT1 and LT2 Enhanced Surface Water Treatment Rules; the Phase 1 Volatile Organic Chemical Rule; Phase II SOC/IOC Rule; the Phase V SOC/IOC Rule; Lead and Copper Rule, including Minor and Short-Term Revisions; Revised Public Notification Rule; Revised Radionuclides

Rule; Consumer Confidence Rule; Filter Backwash Recycling Rule; Stage 1 and Stage 2 Disinfectant/Disinfection By-Products Rules; Arsenic Rule; and more.

The Hawaii Public Water System Supervision Program (PWSSP) continues to make substantial progress in improving our sanitary survey compliance. The SDWB completed 22 sanitary surveys of public water systems throughout the state during a COVID-19 affected SFY 2022. These surveys contribute significantly to strengthening the protection of drinking water quality. The SDWB Engineering section has been at 50% staff level since March 2018 and has been unable to fill the vacant positions due to a lack of qualified candidate lists in the State through the end of SFY 2022. The Compliance section has one (1) vacant engineering position due to the time it is taking for the position to be re-described and approved. Engineers from the Engineering and Compliance Sections performed all surveys in-house in SFY 2022.

The program continued to compile laboratory certification information regarding laboratories performing safe drinking water analyses. This information is made available to the water purveyors and the public. Approximately 11 microbiological laboratories and 49 chemistry laboratories hold certifications for one (1) or more drinking water contaminants.

b. Capacity Development Program

The program's capacity development program efforts for SFY 2022 were concentrated in the Technical Assistance Contract described in the Local Assistance and Other State Programs (15%) discussion of this report.

c. Operator Certification Program

The SDWB continues to administer an operator certification program for water treatment plant operators and distribution system operators.

For the period July 1, 2021 to June 30, 2022:

- 71 Applications were received for certification review.
- 6 Reciprocal certifications were issued.
- 27 Persons were tested for the WTPO certification.
- 16 Persons passed the WTPO certification examination.
- 90 Persons were tested for the DSO certification.
- 31 Persons passed the DSO certification examination.
- 215 WTPO certifications were active as of June 30, 2022.
- 444 DSO certifications were active as of June 30, 2022.
- 23 Public water systems required to have level 1 certified water treatment plant operators by the level of the plant.

- 12 Public water systems required to have level 2 certified water treatment plant operators by the level of the plant.
- 3 Public water systems required to have level 4 certified water treatment plant operators by the level of the plant.
- 138 Public water systems with at least one distribution system operator certified at the level of the distribution system of the water system.

4. Local Assistance and Other State Programs (15%)

The *Hawaii DWSRF 15% Set-Aside Multi-Year Business Plan, SFY2017 – SFY2022*, provides goals and objectives of Technical Assistance and Source Water/Wellhead Protection Program for the use of the fund. The SDWB will review the business plan for the 15% set-aside to ensure workplan tasks are producing pertinent outputs, funds are able to be disbursed in a two-year time frame, and the program is achieving public/environmental health protection outcomes. When planning the project start date and payment schedule, the SDWB will consider the requirements of the state procurement system and any QA/QC review needed.

The balance remaining in the 15% set-aside DG as of June 30, 2022:

- FFY 2019 - \$102,171.36
- FFY 2020 - \$321,025.42
- FFY 2021 - \$0.00

a. Source Water Protection Program

Source water protection efforts have been focused on educating water systems, the public, and other applicable organizations on development and implementation of protection strategies and plans. This year, the SDWB continued to meet with water systems and government agencies on the result of the assessments and plans for source water protection. Source water assessments are also being conducted on new drinking water sources as they proceed through the new source approval and engineering report process.

- i. The University of Hawaii, Water Resources Research Center proposed a project to upgrade modeling and characterize the regional ground water flow paths to the Source Water Assessment Program (SWAP) “*An investigation of Groundwater Flow Paths in South-Central and Southeast Oahu*” in January 2018, to be conducted from February 1, 2018 to September 30, 2019 for \$80,000.00 from FFY 2017 Grant set-aside funds. The Memorandum of Agreement (SDWB-18-001-RW) was executed on March 1, 2018. This would be the first statewide source water protection program project to update a SWAP model. In SFY 2019, on July 24, 2018, funding for this project was moved to the Program Fees fund, due to a delay in the Quality Assurance review of the Work Plan and Sample Analysis Plan. The program requested and was awarded FFY 2017 Grant

Amendment No. FS 99986518-4 on August 1, 2019 to shift \$80,000.00 from the set-aside (DG) to the loan fund (DA).

Modification No. 1 extended the project period of performance from April 30, 2019 to April 30, 2020. The gravity survey of the Aliamanu and Salt Lake Tuff Rings to image dense sub-surface structures that may be barriers to groundwater flow was conducted. The project collected 50 rainwater and 28 groundwater samples for isotopic and major ion analysis. On May 12, 2020, Modification No. 2 extended the project period of performance to September 30, 2020 due to COVID-19 impacts to the laboratory tests. The Project was completed in July 2021 with a balance remaining of \$200.00 which was unencumbered. The final report using the data to better define the pathways that groundwater takes from areas of recharge to our public drinking water wells is expected by December 30, 2022.

b. Wellhead Protection Program

Hawaii's Wellhead Protection (WHP) Program Plan includes a Financial Assistance Program (FAP) that allowed the SDWB to provide funding/grants to public water systems for water protection planning and implementation protection projects and activities. This past year, no funds were used for education activities on water quantity and quality/protection issues for the general public, public water systems, water industry professionals, and stakeholders due to COVID-19.

Per Goal 2 of the *Hawaii DWSRF 15% Set-Aside Multi-Year Business Plan SFY2017-SFY2022 [Hawaii Groundwater Protection Strategy (HIGWPS) Goal 3, Objective 2 and Business Plan Objective 2.3]*, dated September 22, 2017, the WHP-FAP application was updated for future protection projects which may include:

- Fund public water systems groundwater protection planning and implementation activities.
- Fund the evaluation of the impact of reused/recycled wastewater on water resources.
- Fund cesspool replacement projects in areas that impact drinking water sources.
- Identify abandoned wells within SWP Areas and fund the sealing and closure of these wells.
- Fund watershed protection projects that impact drinking water sources.

The review and approval of the first project application received on August 19, 2021, has been delayed due to the Red Hill Drinking Water Emergency and other duties. Once approved, SDWB will begin development and execution of the contract as well as to publicize the availability of the funding.

The WHP-FAP projects will be funded by \$13,171.36 of the SFY 2020 grant, \$192,285.42 budgeted in SFY 2021, and \$400,000.00 budgeted in SFY 2022 for funding of contracts executed by April 1, 2023 and estimated to begin disbursing in SFY 2023.

c. Technical Assistance Programs for Water System Operators

i. Circuit Rider Program

The SDWB issued consecutive contracts to provide training to small water systems starting in October 2009 and continuing through January 2023. These contracts are more commonly known as the “Circuit Rider Program.” Under the terms of this contract, the contractor (Rural Community Assistance Corporation) has been meeting with the staff of small, publicly- and privately-owned public water systems and providing hands-on training in technical, financial, and managerial areas.

This program has focused on raising the technical abilities of water system operators, provided managerial training to board members, and has assisted water system managers in understanding the financial capacity arena. The Circuit Riders are also utilizing different outreach formats, like peer group sessions to discuss topics common to several water systems which also allow the water systems the opportunity to network. The circuit riders made visits to 32 different small public water systems in SFY 2022. Overall, the circuit rider program has made a significant contribution to improving the technical, managerial, and financial capacity of existing water systems.

The 2019-2022 Circuit Rider contract has been extended to January 31, 2023. The contract is funded by \$350,600.00 of DWSRF 15% set-aside funds and \$400,000.00 of DWSRF Program Fees. As of August 17, 2022, the balance remaining in the contract is \$86,013.50 of 15% set-aside funds and \$39,712.00 of Fees.

ii. Continuing Education Training Program for Water System Operators

HRWA has continued to independently provide both online and classroom courses on all major islands. The Hawaii Operator Certification Program still supports those efforts to aid in certification renewal.

iii. WIIN Act of 2016, Section 2107 – Lead Testing in School and Child Care Program Drinking Water Grant

Completed Phase 1 of the development and implementation of testing program using the EPA 3Ts for Reducing Lead in Drinking Water Toolkit. Coordination for this project occurred with SDWB, Hazard Evaluation and Emergency Response Office, State Laboratory Division-Environmental Health Analytical Services Branch, and Children

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with Special Health Needs Branch, Hawaii Department of Human Services, and Hawaii Department of Education. The initial FFY 2019-2020 WIIN 2107 grant award of \$204,050.00 was combined with a SFY 2020 15% set-aside budget of \$203,727.00 and SFY 2021 15% set-aside budget of \$348,000.00. Phase 1 was completed at a cost of \$580,518.89 in the Fall of 2021. Phase 2 utilized the additional FFY 2021 WIIN 2107 grant award of \$89,000.00 and the balance remaining in the initial FFY 2019-2020 WIIN 2107 grant award to support testing of the remaining 72 public elementary schools in the state. This Phase 2 of the project is expected to be completed by Fall 2022. There was no request for additional 15% set aside funds for Phase 2 of this project in SFY 2022.

iv. Technical Assistance Needs of Water Systems

For SFY 2022, the SDWB continued to:

- (1) Identify technical assistance needs of water systems (e.g., operation and maintenance manuals, asset management, valve exercise program, water meter evaluation, identify valve replacement, engineering services evaluation, address and solve deficiency, emergency response plan, meter replacement program, etc.).
- (2) Partially fund the small systems technical assistance for Engineering Service Contracts. Eight (8) qualified engineering services consultants were selected for a contract award on August 3, 2018. Six (6) contracts were modified to extend the expirations multiple times to December 31, 2021. Two contracts expired during SFY 2022 (July 31, 2021 and December 31, 2021) without receipt of deliverables and were not extended. Two (2) contracts were completed in SFY 2022. Four (4) of the remaining consultants are actively engaged with providing engineering assistance to small water systems.

Portions of the contracts are being funded with FFY 2018, FFY 2019, FFY 2020, FFY2021, and FFY2022 Grant set-aside funds and Program Fees (see table below).

ASO Log No.	19-148-M3	19-167-M3	19-186-M3	19-187-M3	20-147-M2	21-072
# & Consultant	Contract #1 = Okahara	Contract #2 = BCH	Contract #5 = ISLE	Contract #6 = Pryzm	Contract #7 = Imata	Contract #8 = MEH
PWS Assignment	150 Napu'u	437 MIC	168 Keopu	201 Hana	106 Pepeekeo	371 Poamoho
FFY2018 (2%) - 022207	\$ 20,000.00	\$ 19,000.00	\$ 20,000.00	\$ 60,000.00		
FFY2018 (15%) - 022207		\$ 19,000.00				
FFY2019 (2%) - 023207			\$ -	\$ 40,000.00	\$ 80,000.00	
FFY2019 (15%) - 023207	\$ 60,000.00	\$ 62,000.00			\$ 20,000.00	
FFY2020 (15%) - 024207	\$ 20,000.00					
FFY2021 (Fees) - 025207						\$ 100,000.00
FFY2022 (Fees) - 026207			\$ 80,000.00			
TOTAL	\$ 100,000.00	\$ 100,000.00	\$ 100,000.00	\$ 100,000.00	\$ 100,000.00	\$ 100,000.00

E. GOALS AND ACCOMPLISHMENTS

Section 1452(b) of the Safe Drinking Water Act requires the State to prepare an IUP, identifying the uses of funds in the DWSRF and describing how those uses support the goals of the DWSRF program. The IUP is a requirement in the State's SRF Capitalization Grant Application process to EPA. It is prepared annually and made available for public comment and review. The program posted its finalized IUP for SFY 2022 May 14, 2021. A copy of the latest version (Amendment 1, dated July 19, 2021) is available on the Drinking Water State Revolving Fund section of the SDWB website at https://health.hawaii.gov/sdwb/files/2021/07/SFY2022.IUP_.AMENDMENT1.POSTED.2021.07.19.pdf.

The following is a summary of the goals and accomplishments for SFY 2022 and a summary of the program achievements throughout the year.

- In SFY 2022, seven (7) final loan agreements totaling \$24,980,520.00 were executed, of which, 54% went to non-county and/or disadvantaged communities.
- \$24,150,315.70 of loan disbursements were made in SFY 2022⁵. A summary of projects with actively disbursing loans in SFY 2022 is attached as Attachment 21.
- As of July 1, 2022, the DOH had a Federal unliquidated obligation of 1.9%.
- In SFY 2019, the DWSRF expanded to allow loans to privately-owned, regulated public water systems. As of this report, there have been six (6) loans executed with privately-owned drinking water systems and three (3) loans planned in the first half of SFY 2023.

1. Long Term Goals

- a. To assist as many water purveyors as possible to attain compliance with State and Federal Drinking Water Regulations through the low interest loan program.

The DWSRF program continues to work with the regulated drinking water systems in Hawaii to provide SRF loan funds. Marketing and outreach opportunities are done through conferences, and in finding needs through sanitary surveys and the circuit rider assistance to small water systems contract.

- b. To maintain a perpetual, self-sustaining revolving loan fund program through the strategic use of recycled loan funds, administrative fees, interest earnings, and EPA annual appropriations through capitalization grants to the State each year.

⁵ Disbursement based on the LGTS Disbursement Log Report (by warrant date) totals from 7/1/2021 to 6/30/2022.

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To supplement the administrative demands, the program assesses fees to ensure that the administrative needs are financed in perpetuity. The cash flow modeling is enhanced using the Financial Operations and Cash-flow Utilization in the SRF (FOCUS) financial model, which began full implementation in March 2018.

The program offered three different types of loans in SFY 2022, with the rates shown in the table below. These rates are in place until June 30, 2022.

Loan Type	Total Loan Rate (%)	Interest Rate (%)	Loan Fee (%)
Private System Loan	2.75	2.75	0.00
Municipal Project Loan	2.15	0.65	1.50
Programmatic Financing	1.75	0.25	1.50

- c. To promote sustainable infrastructure and energy efficiency.

The program continues to encourage its borrowers to incorporate sustainable infrastructure and energy efficiency in their designs through discussions and by offering additional points that will rank the project higher on the DWSRF Priority List of Projects.

2. Short Term Goals

- a. Continue implementation of the digital/electronic signatures on loan agreements recommendation from the Northbridge Environmental Management Consultants' October 22, 2014 *Hawaii SRF Management Study for the CWSRF and DWSRF Programs* to streamline the Hawaii DWSRF program and increase the program's pace to ensure the efficient and expeditious use of funds.
- b. Continue modification of the Functional Procedures and the Operating Agreement to reflect and meet the DWSRF requirements and needs.

Most of the Functional Procedures were updated. The State Environmental Review Process was approved by the EPA on February 20, 2018. Other procedures resulting from the Northbridge Management Study are in the process of being developed. The Operating Agreement will be updated following the completion of the Functional Procedures updates.

- c. Continue working on the implementation of the Financial Operations and Cash Flow Utilization in the SRF (FOCUS) financial planning model to better plan the use of funds in the DWSRF Program.

- d. The program's use of cash flow modeling aided in efficient planning. At the end of SFY 2022, the DWSRF loan fund had a 98.43% utilization rate for grant and match funds and a 96.43% total utilization rate⁶.

Continue working with Northbridge on the development and implementation of the LGTS to track the required items, which include accounting, management, set-asides, compliance, and customer service concerns.

LGTS went into live production on September 2, 2015. The LGTS is actively used daily by the Hawaii SRF program. It is currently being used by staff and management to:

1. Serve as the primary data repository for all borrower information and loan agreements, loan letters, purchase orders, repayment billings to the Counties, payment requests, repayment receipts
2. Keep track of all project information and status;
3. Record payment requests and obligations;
4. Produce amortization schedules;
5. Generate repayment billings;
6. Record repayments;
7. Record and track grants and state match;
8. Maintain and generate the SRF Programs priority lists;
9. Track project milestones;
10. Maintain project checklists;
11. Generate the following reports: repayment logs, loan balances, disbursement logs, obligation logs, accrued interest and P&I cash flow; and
12. Provide data to the FOCUS financial model.

LGTS will continue to be tested and more functions will be fully integrated. The SRF Program implemented LGTS with generated financial reports for SFY 2022. The DOH is committed to using the LGTS for future annual program financial statements and reports.

- e. Increase marketing and outreach to offer loans to privately-owned water systems.

The program continued implementation for providing professional engineering services through an Engineering Services Contract to small, privately-owned water systems in SFY 2022. The DOH approved eight (8) consultants that responded to the DOH solicitation for the professional services. All eight (8) consultants were assigned to water systems. Two contracts expired during the SFY 2022 (July 31, 2021 and December 31, 2021) without receipt of deliverables and were not extended. One (1) contract was completed in SFY 2022.

⁶ Based on the DWSRF Fund Utilization and Efficiency Plan (FUEP) as of June 30, 2022.

Two (2) are anticipated to be completed within the next four to six months. Three (3) of the remaining consultants are actively engaged with providing engineering assistance to small water systems.

F. COMPLIANCE ISSUES

The Hawaii DWSRF program has complied with the applicable requirements outlined in the Operating Agreement, Chapter II, Implementation, Section D, State Assurances for the DWSRF Program, and Section E, State Requirements for the Capitalization Grant Agreement. The requirements included the following:

1. Environmental Review - Each DWSRF project has undergone an environmental assessment and review. Environmental assessment documents were prepared by the County Water Departments in accordance with Hawaii Revised Statutes Chapter 343 and Hawaii Administrative Rules, Chapter 11-20, and were submitted to the Office of Environmental Quality Control (OEQC) of the State of Hawaii for review and publication. For exempt projects, DWSRF Exempt Project Certification forms were submitted to the DWSRF program with the qualifying exemption identified.

Federally funded projects (based on equivalency) have also undergone a National Historic Preservation Act (NHPA) Section 106 review, in accordance with 36 CFR 800 (Protection of Historic Properties).

DOH has implemented the updated State Environmental Review Process that was approved by EPA on February 20, 2018. This process included an updated checklist, a formal process for the National Historic Preservation Act, Section 106 review, and an online posting at <https://health.hawaii.gov/sdwb/drinking-water-state-revolving-fund/> of DOH concurrence with project determinations made by the borrower and/or its consultant.

2. Intended Use Plan - The DWSRF IUP for the State of Hawaii SFY 2022 / FFY 2021 Appropriation was finalized on May 14, 2021. A notice for public participation and input was published on April 14, 2021, with an open comment period until May 14, 2021. The solicitation of public participation did produce responses which required changes but were minor enough to not require another public comment period. The changes included moving project HDWS-0001 to the SFY 2022 Priority List of Projects and Fundable List due to delays in SFY 2021. The loan was being routed for execution. The annual loan fees were increased by 0.5%, from 1.0% to 1.5%, and the interest rate for municipal and Pro-Fi loans was decreased by 0.5% to 0.65% and 0.25%. The total loan rates remain unaffected.

Amendment 1 to the IUP, dated July 19, 2021, was posted to the DWSRF webpage on July 19, 2021. The IUP required minor revisions to two projects on the Sub-Projects List of the HDWS-PF22 Hawaii DWS Pro-Fi SFY 2022. Other minor edits included revisions to page numbers, updating the first table of Appendix C, FFY 2021 Federal Capitalization Grant Payments and the Disbursement Schedule for FFY's 2022 and 2023. These changes were not significant enough to warrant a new public participation and input period.

3. Other Federal Requirements- The County Water Departments certify for each of their DWSRF projects that they are following American Iron and Steel (AIS), Davis-Bacon, and all federal cross-cutter rules and regulations. Each project must include the Federal Boiler Plates in the project specifications used for bidding.

G. DWSRF NATIONAL STRATEGIC PLAN, LOAN RECIPIENT, PROJECTS & TYPES OF ASSISTANCE

National Priorities for the Drinking Water State Revolving Fund Program

The program supports EPAs Strategic Plan Goal 1, to deliver a cleaner, safer, and healthier environment for all Americans and future generations through the Strategic Plan Object 2 by providing funding to public water systems for water infrastructure projects.

EPA's five specific national Long-Term Performance Goals (LTPG) for drinking water in the FY 2018-2022 U.S. EPA Strategic Plan (EPA-190-R-18-003) updated September 2019 are listed below⁷:

Long-Term Performance Goals (LTPG):

- LTPG (1.2.1): By September 30, 2022, reduce the number of community water systems out of compliance with health-based standards to 2,700.

All planned and prior year loans have assisted public water systems to meet the federal and state drinking water compliance requirements.

- LTPG (1.2.2): By September 30, 2022, increase by \$40 billion the non-federal dollars leveraged by EPA water infrastructure finance programs (CWSRF, DWSRF, and WIFIA).

The program is supporting this priority by continuing to market the program to regulated water systems and providing consulting services to small systems with the Engineering Services and Circuit Rider contracts.

⁷ EPA Strategic Plan (Updated: September 2019) at <https://www.epa.gov/sites/production/files/2019-09/documents/fy-2018-2022-epa-strategic-plan.pdf>.

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- LTPG: By September 30, 2022, reduce by 80%, the number of community water systems in continuous noncompliance from 3,508 to 701 (New OW strategic measure established for FY21/nationwide benchmark F&17-Q3).

The program supports this priority by providing technical and financial assistance to Hawaii water systems to prevent or correct non-compliance.

- SDW-4: Fund utilization rate [cumulative dollar amount of loan agreements divided by cumulative funds available for projects] for the Drinking Water State Revolving Fund (DWSRF).

The program is supporting this priority by utilizing the FOCUS model, which allows cash flow modeling projections out 30 years, to maximize fund utilization and minimize federal ULOs.

- SDW-5: Increase the number of Drinking Water State Revolving Fund (DWSRF) projects that have initiated operations. (cumulative)

The program continues to support this goal by reaching out to potential new borrowers and obtaining additional grant funds to fund more projects to the counties.

U.S. Environmental Protection Agency, Drinking Water State Revolving Fund (DWSRF) Strategic Plan Goals and Objectives

Every summer, Hawaii and USEPA negotiate Hawaii's Strategic Plan commitments for the SFY starting July 1st. Hawaii submitted its Strategic Plan commitments for the Federal Fiscal Year starting on October 1st.

All DWSRF loans have assisted public water systems to meet the federal and state drinking water compliance requirements. Details of Hawaii's DWSRF activities supporting the National USEPA Strategic Plan will be submitted to EPA as part of the DWNIMS data collection effort. Last year's National plan is available at: http://water.epa.gov/resource_performance/planning/.

FINANCIAL SECTION

The following is a summary of the financial activities of the program for the state fiscal year ended June 30, 2022. The DOH considers the DWTRLF to be a special revolving fund. The fund was established to receive proceeds from specific revenue sources such as Federal Capitalization Grants, State Capital Improvement Project (CIP) Appropriations for State Match, loan repayments, and interest earnings from investments and fees.

A. INTERNAL CONTROLS

The DWTRLF program is responsible for establishing and maintaining a system of internal accounting controls to ensure compliance with applicable laws and regulations related to federal and state financial assistance programs. The objective of an internal control system is to provide the program with reasonable, but not absolute, assurances that assets are safeguarded against loss from unauthorized use or disposition. It also ensures that transactions are executed and recorded with proper authorization to permit preparation of financial statements in accordance with generally accepted accounting principles.

Based on annual Performance Evaluation Reviews by EPA and annual financial audits by independent auditors, we believe that the DWTRLF program's internal controls adequately safeguard assets and provide reasonable assurances of proper recording of financial transactions.

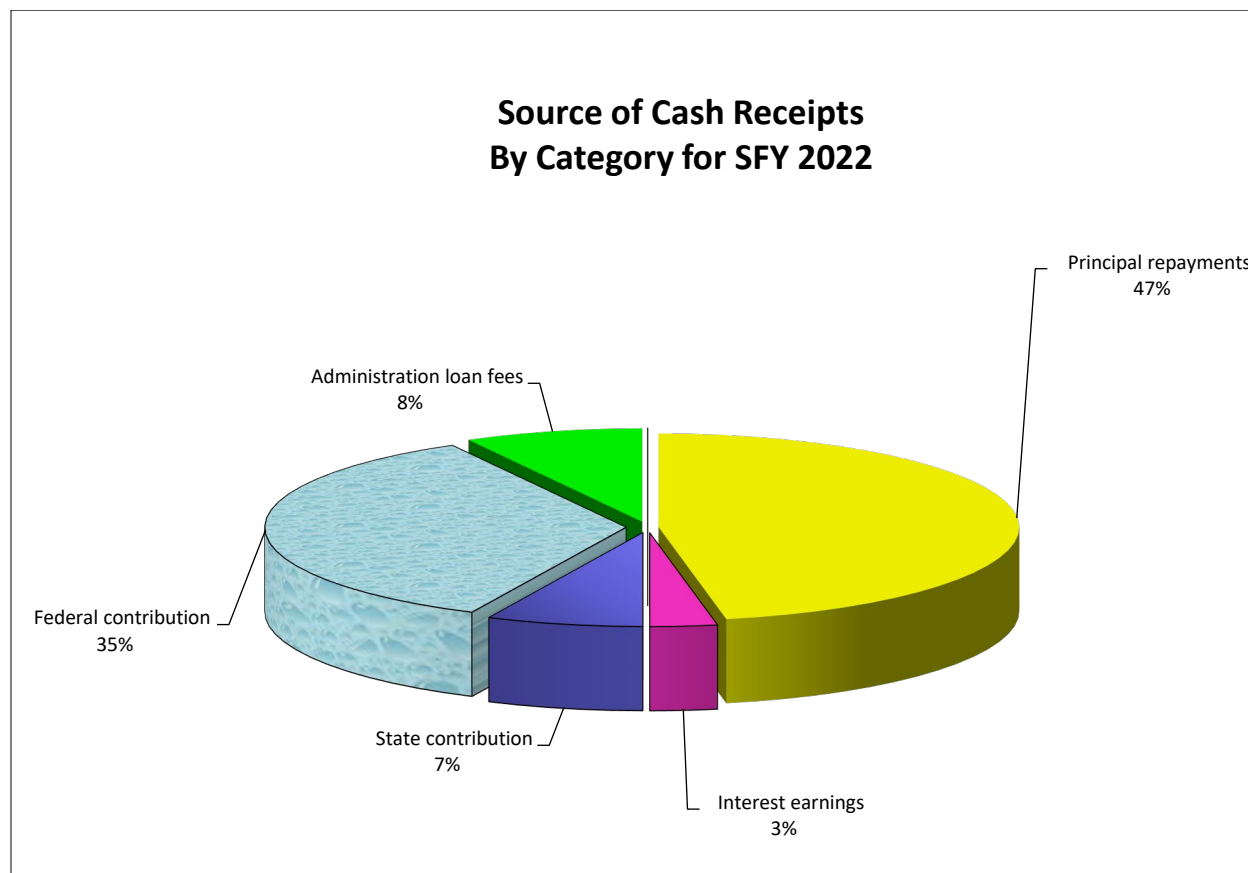
B. ACCOMPLISHMENTS OF THE PROGRAM

1. Sources of Funds

Since the program's inception, the DOH has received a total of \$246,323,548.00⁸ in federal capitalization grants. Of this amount, \$38,883,993.67 was set aside to support other drinking water program initiatives and administration of the loan program with the remaining \$207,439,554.33 earmarked for DWSRF loan funds.

The graph below illustrates the percentage breakdown of sources of cash for the SRF program by category received for the SFY 2022.

⁸ Includes \$19.5 million from ARRA and withholdings by EPA of a total of \$1,517,650.00 which consists of \$1,410,150.00 for the 2014-2019 Northbridge work assignments, \$6,000.00 for the 2016 Cadmus survey, and \$101,500.00 of other in-kind expenses in 2000, 2001, and 2005. The total listed matches the amount listed in the Cumulative through 6/30/2022 column of Table 1 of the SFY 2022 IUP at https://health.hawaii.gov/sdwb/files/2022/08/SFY2023.IUP-FINAL_Signed_Posted-Online-2022.08.07.pdf.



2. State Match

Pursuant to Act 88/SLH2021, the Hawaii State Legislature appropriated monies from general obligation bond funds for the required 20% state match for the FFY 2021 EPA SRF Capitalization Grant. The state match was transferred into the DWTRLF account in December 2021.

Hawaii State law prohibits the program from using State CIP funds (match funds) for administrative purposes. To comply with EPA's disbursement requirement, the program obligates all its state match funds to loan projects.

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State Match for SFY 2022

SFY	FFY	State Match Amount	State Match Project	Loan Amount	Percent Met?
2022	2021	\$2,200,200.00	Hawaii DWS Pro-Fi SFY 2022	\$10,000,000.00	Yes
2022	2019	\$19,800.00	Hawaii DWS Pro-Fi SFY 2022	\$10,000,000.00	Yes

The project listed above was used for state match and was executed on September 15, 2021. The state match amount was disbursed on June 6, 2022. The FFY 2019 state match listed above is related to the Wyoming grant reallocation.

The table below shows how the cash draw ratio requirements were met.

Cash Draw Ratio Requirement

SFY	FFY	State Match Received	State Match Disbursed	First Drawdown Date	Cash Draw Ratio Requirement Satisfied?
2022	2021	12/23/2021	6/6/2022	6/27/2022	Yes

The first drawdown for the FFY 2021 grant was for project HBWS-PF22, Honolulu BWS Pro-Fi SFY 2022.

3. Executed Loan Agreements/Binding Commitments

As of June 30, 2022, the DOH committed \$186,372,074.33 federal capitalization grant funds and \$45,364,710.00 state match funds to DWSRF projects. These funds benefit communities of all sizes throughout the State of Hawaii. See Attachment 1.

The total available for loans since inception was \$423,712,650.05. The program committed \$427,873,380.17 or over 101%.

4. Automated Standard Application for Payments (ASAP)

The program drew \$10,724,827.84 of its capitalization grant funds from the ASAP system during SFY 2022. Of this amount, \$8,589,480.00 was used for DWSRF loans and \$2,135,347.84 for DWSRF set-aside operations.

5. Loan Repayments and Investment Interest

Under the DWSRF, the program established several accounts or activity codes to track the program's revenue sources. These funds are legally restricted for use to fund expenditures for

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drinking water infrastructure projects, eligible costs for program set-aside activities under the Safe Drinking Water Act, and administrative costs relating to the operation and maintenance of the DWSRF Program.

Activity Code	Revenue Source	SFY 2022 Amount Received (\$)
422	Principal from repayments	14,431,662.28
423	Interest from repayments	737,957.95
424	Investment interest	89,456.39

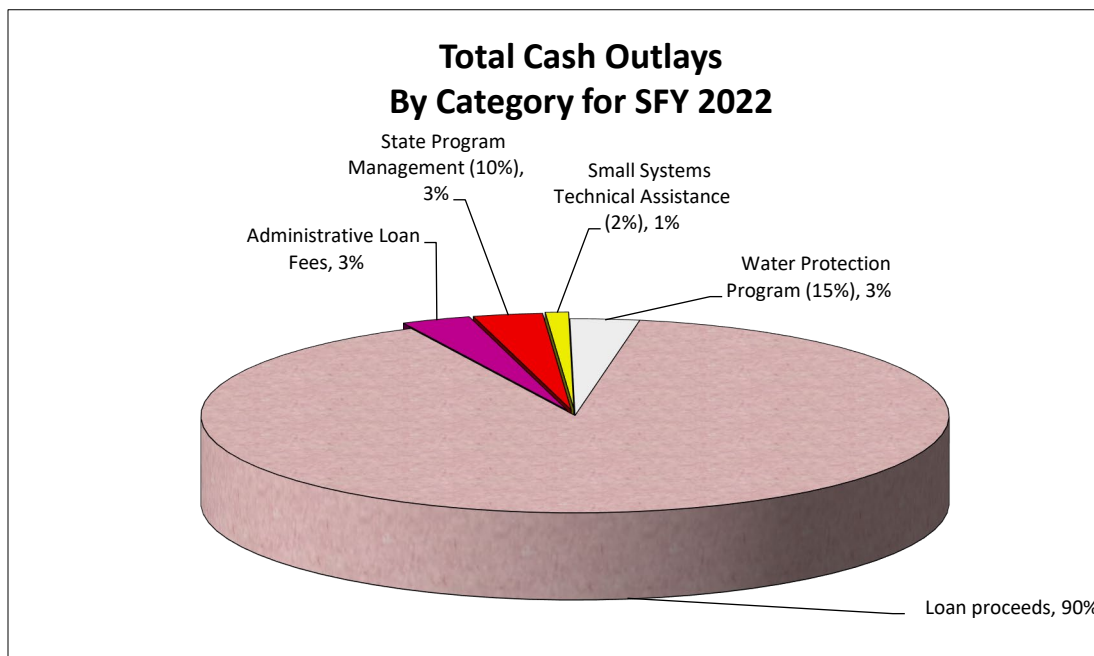
C. PROGRAM AND SET-ASIDE ACTIVITIES

Highlights of the program's activities are as follows:

To administer the DWSRF program and its related drinking water programs, the program spent \$26,960,847.71. This consisted of the following program expenses:

Activity Code	Program	SFY 2022 Amount Expended (\$)
420, 421, 422, 423, 424	Loan Disbursement	24,150,315.70
425, 426, 430, 441	Administrative Costs	1,163,568.60
427	State Program Management (10%)	707,143.48
428	Small Systems Technical Assistance (2%)	151,000.00
435	Operator Certification (10%)	11,974.01
436	Wellhead Protection Program (15%)	203,079.05
437	Technical or Financial Assistance to PWSs (15%)	573,766.87
Total Program Expenditures		26,960,847.71

The graph below shows the significance of loan proceeds in relation to all costs associated with the DWTRLF's operations.



D. CREDIT RISKS OF THE DWTRLF LOANS

The SRF program requires that every applicant pledge a dedicated source of revenue to repay the loan. Dedicated sources of revenue include a pledge of the county's full faith credit and/or a pledge of general obligation bonds or a dedicated revenue source.

The following table contains specific information regarding the credit worthiness of our four DWTRLF municipal county loan recipients. The table displays the credit rating categories for these recipients. The General Obligation (G.O.) Bond credit agencies, Moody's Investors Service and Fitch Ratings, gave every Hawaii Board of Water Supply or Water Board a High-Quality rating. Non-municipal, privately-owned systems are not required to have a bond rating. In lieu, they undergo a separate financial capacity review by the DWTRLF.

In summary, the DOH believes that the DWTRLF loan portfolio carries a high degree of solvency.

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Borrowers	Committed Amount (\$)	Moody's/Fitch Bond Rating	Percentage of DWSRF Loan Portfolio
City and County of Honolulu, Board of Water Supply	192,352,220.96	Aa1/AA+	45%
County of Hawaii, Water Board	85,273,869.75	Aa2/AA+	20%
County of Kauai, Board of Water Supply	53,511,143.18	Aa2/AA	13%
County of Maui, Board of Water Supply	91,633,821.28	Aa1/AA+	21%
Privately-owned Water Systems	5,102,325.00	---	1%
Totals	427,873,380.17		100%

E. OTHER INFORMATION

This report was prepared in accordance with the Generally Accepted Accounting Principles (GAAP) and Reporting Requirements requested by EPA.

Independent Audit: The accounting firm of KMH LLP was selected by the DOH to perform a financial audit of the DWSRF Program's activities for SFY 2022.

The KMH LLP auditor's report for the SFY 2022 DWSRF financial statements was published on November 30, 2022 and states: "In our opinion, the financial statements referred to above present fairly, in all material respects, the financial position of the DWTRLF as of June 30, 2022, and the changes in financial position and its cash flows for the year then ended in accordance with accounting principles generally accepted in the United States of America."

Program information: For further information regarding this report, please contact SDWB at: (808) 586-4258 or Water Revolving Fund Staff at: (808) 586-4294.

LIST OF ATTACHMENTS

ATTACHMENT 1:	COMMITTED PROJECTS BY STATE FISCAL YEAR AND FUNDING SOURCE
ATTACHMENT 2:	CROSS-REFERENCE OF EXECUTED PROJECTS BY FUNDING SOURCE
ATTACHMENT 3:	MANAGEMENT DISCUSSION AND ANALYSIS
ATTACHMENT 4:	STATEMENT OF NET POSITION
ATTACHMENT 5:	STATEMENT OF REVENUES, EXPENSES & CHANGES IN NET POSITION
ATTACHMENT 6:	STATEMENT OF CASH FLOWS
ATTACHMENT 7:	NOTES TO FINANCIAL STATEMENTS
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ATTACHMENT 19:	BINDING LOAN COMMITMENT
ATTACHMENT 20:	DWSRF NATIONAL STRATEGIC PLAN, LOAN RECIPIENT, PROJECTS & TYPES OF ASSISTANCE
ATTACHMENT 21:	SUMMARY OF ACTIVE DWSRF PROJECTS IN SFY 2022

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ATTACHMENT 1: COMMITTED PROJECTS BY STATE FISCAL YEAR AND FUNDING SOURCE

State of Hawaii
Drinking Water Treatment Revolving
Loan Fund
Committed Projects by State Fiscal Year and Funding Source

June 30, 2022

Page 1 of 2

										Source of Loan Funds				
Binding Commitment Date	Project Description				Final Agr Date	Rate	Loan Amount	420	421	422	423	424		
								Federal SRF	State SRF	Principal from Repayment	Interest from Repayment	Interest from Investment		
Balance from previous years:							345,504,945.50	160,644,453.58	38,741,312.00	119,386,640.77	20,626,753.08	6,105,786.07		
FY20:	8/1/2019	3	331-0043	Diamond Head WS Imp., Part II	9/15/2019	1.15%	4,970,145.00	-	2,201,198.00	2,768,947.00	-	-		
	8/1/2019	3	HBWS-PF20	Honolulu BWS Pro-Fi SFY 2020	8/15/2019	0.75%	15,000,000.00	8,642,325.00	-	6,357,675.00	-	-		
	12/4/2019	3	213-0018	C Pookela Well B - Development	10/15/2020	1.15%	4,000,000.00	-	-	4,000,000.00	-	-		
	12/4/2019	2	214-0014	C West Maui Source Development		0.65%	4,250,000.00	-	-	4,250,000.00	-	-		
	1/15/2020	1	331-0047	Kalihi WS Imp., Part III		0.50%	(25,257.72)	-	-	(25,257.72)	-	-		
	1/15/2020	1	HDWS-PF19	Hawaii DWS Pro-Fi SFY 2019		0.25%	(5,146,516.51)	-	-	(5,146,516.51)	-	-		
	3/20/2020	1	212-0015	Iao Surface WTP Upgrades		0.00%	(20,475.45)	-	-	(20,475.45)	-	-		
	4/22/2020	3	331-0080	C Moliliili WS Imp., Part IV	7/15/2020	1.15%	6,609,097.00	-	-	3,609,097.00	-	-		
	5/11/2020	3	P-DW303-0001	C Kunia Village Potable WS Upgrades	10/15/2020	0.00%	1,621,805.00	-	-	-	-	1,621,805.00		
	6/22/2020	7	P-DW156-0001	C 150 kW Generator Installation(Cancelled 6/22/21)		0.00%	75,000.00	-	-	75,000.00	-	-		
	6/22/2020	7	P-DW156-0004	C WS Fire Hydrant Replac. (Cancelled 6/22/21)		0.00%	242,000.00	-	-	242,000.00	-	-		
	6/22/2020	7	P-DW156-0005	C WS Auto Read Meter Transmitter Replac.(Cancelled 6/22/21)		0.00%	55,770.00	-	-	55,770.00	-	-		
							31,631,567.32	8,642,325.00	2,201,198.00	15,557,142.32	3,609,097.00	1,621,805.00		
FY21:	7/15/2020	3	HBWS-PF21	Honolulu BWS Pro-Fi SFY 2021	8/15/2020	0.75%	12,000,000.00	8,229,740.00	2,202,200.00	1,568,060.00	-	-		
	10/15/2020	4	213-0018	Pookela Well B Development		1.15%	(995,362.72)	-	-	(995,362.72)	-	-		
	10/15/2020	3	HDWS-PF21	** Hawaii DWS Pro-Fi SFY 2021	10/15/2020	0.75%	7,000,000.00	266,075.75	-	6,733,924.25	-	-		
	02/15/21	1	133-0004	Kapulea Well Development Ph. 2		0.50%	(90,152.25)	-	-	(90,152.25)	-	-		
	02/15/21	1	247-0008	Omaopio 2.1 MG Tank Replac.		0.50%	(43,314.00)	-	-	(43,314.00)	-	-		
	02/15/21	1	MDWS-0002	Maui DWS WS Imp. 1		0.75%	(8,999.70)	-	-	(8,999.70)	-	-		
	03/15/21	1	HBWS-0003	Honolulu BWS WS Imp. 2		0.00%	(2,533,581.01)	-	-	-	-	(2,533,581.01)		
	5/20/2021	1	331-0080	Moliliili WS Imp., Part IV		1.15%	(602,074.96)	-	-	(602,074.96)	-	-		
	6/22/2021	7	P-DW156-0001	C 150 kW Generator Installation		0.00%	(75,000.00)	-	-	(75,000.00)	-	-		
	6/22/2021	7	P-DW156-0004	C WS Fire Hydrant Replac.		0.00%	(242,000.00)	-	-	(242,000.00)	-	-		
	6/22/2021	7	P-DW156-0005	C WS Auto Read Meter Transmitter Replac.		0.00%	(55,770.00)	-	-	(55,770.00)	-	-		
							14,353,745.36	8,495,815.75	2,202,200.00	6,924,851.83	(735,541.21)	(2,533,581.01)		
FY22:	7/15/2021	3	HDWS-0001	** Emergency Well Repairs 1	7/15/2021	0.25%	1,000,000.00	-	-	1,000,000.00	-	-		
	9/15/2021	3	HBWS-PF22	** Honolulu BWS Pro-Fi SFY 2022	9/15/2021	0.25%	11,500,000.00	8,589,480.00	-	2,910,520.00	-	-		
	9/15/2021	3	HDWS-PF22	** Hawaii DWS Pro-Fi SFY 2022	9/15/2021	0.25%	10,000,000.00	-	2,220,000.00	4,880,000.00	2,900,000.00	-		
	9/30/2021	4	P-DW167-0001	North Easements WL Replac.	4/15/2022	0.00%	1,149,750.00	-	-	1,149,750.00	-	-		
	11/15/2021	3	P-DW201-0002	** Helani WL Replac.	11/15/2021	0.00%	1,000,000.00	-	-	1,000,000.00	-	-		
	2/15/2022	3	P-DW156-0004	** WS Fire Hydrant Replac.	2/15/2022	0.00%	275,000.00	-	-	275,000.00	-	-		
	4/15/2022	3	P-DW156-0005	** WS Auto Read Meter Transmitter Replac.	4/15/2022	0.00%	55,770.00	-	-	55,770.00	-	-		
	6/20/2022	1	DW331-0043	Diamond Head WS Imp., Part II		1.15%	(674,259.70)	-	-	(674,259.70)	-	-		
	6/20/2022	1	DW331-0063	Kapiolani Blvd. 12-in Main		0.50%	(923,138.31)	-	-	(923,138.31)	-	-		
	6/30/2022	2	DW434-0012	C Kalaheo WS Imp.		0.65%	13,000,000.00	-	-	13,000,000.00	-	-		
							36,383,121.99	8,589,480.00	2,220,000.00	22,673,641.99	2,900,000.00	-		
Grand Total							427,873,380.17	186,372,074.33	45,364,710.00	164,542,276.91	26,400,308.87	5,194,010.00		

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State of Hawaii
Drinking Water Treatment Revolving
Loan Fund
Committed Projects by State Fiscal Year and Funding Source

June 30, 2022

Note: Legend located on page 2

Legend:

* Interim Loan Agreement never issued, Binding was based on a Binding Commitment letter for the amount stated.

** Interim Loan Agreement never issued, Binding was based on the Final Loan Agreement date.

^ Kamole Water TP: Initial binding commitments totaled \$7,968,579, with 39.09% of this amount made up of state match funds (\$3,115,000 from 421). This total initial binding amount was executed by two separate transactions, \$3,316,379 with 39.09% (\$1,296,244) made up of state match funds and \$4,653,200 also made up of 39.09% of state match funds (\$1,818,756).

^^ Waimea WTP Microfiltration: Initial binding commitment totaled \$9,202,816.00 per Interim Loan Agreement dated 3/15/2012. A Commitment Notice for \$12,896,000.00 was issued on 6/1/15 replacing that previous interim agreement, whereby increasing the total project's binding commitment amount by \$3,693,184.00.

C Indicates Commitment Notice transaction (no Interim Loan Agreement issued).

@ Project had a funding source adjustment. If the funding adjustment occurs within the same SFY as the FLA/SLA, then only the funding source(s) end result is recorded.

1 Supplemental Loan Agreement or Contract Modification Form to the Primary Loan Agreement.

2 Interim Loan Agreements or Commitment Notices.

3 Final Loan Agreements executed using the Interim Loan Agreement Binding Commitment Date.

4 Final Loan Agreement executed, however, the actual loan amount was lower than the amount shown in the Interim Loan Agreement.

5 Final Loan Agreement executed, however, the actual loan amount was higher than the amount shown in the Interim Loan Agreement.

6 Final Loan Agreement executed, however, the actual loan amount was the same as the amount shown in the Interim Loan Agreement.

7 Project terminated, the Interim Loan Agreement / Commitment Notice was cancelled with its entire respective loan amount deobligated. The original binding transaction(s) remain a part of this schedule.

8 Project terminated in FY14, the Commitment Notice was cancelled with no documentation of original binding reflected in this schedule.

9 Project had a funding source adjustment

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ATTACHMENT 2: CROSS-REFERENCE OF EXECUTED PROJECTS BY FUNDING SOURCE

State of Hawaii
Drinking Water Treatment Revolving Loan Fund
Cross-Reference of Executed Projects By Funding Source
June 30, 2022

	420 Federal Cap Grant	422 Principal from Repayments	423 Interest from Repayments	424 Investment Interest	421 State Match for Cap Grant	420 ARRA Federal Cap Grant	Total
Hawaii Department of Water Supply							
101-0001 Saddle Road Well "A"	1,610,048.59						1,610,048.59
101-0003 Pihonua-Kukusu Reservoir		9,429,173.00					9,429,173.00
102-0001 Laupahoehoe 0.5 MG Reservoir	2,998,015.65	874,247.77					3,872,263.42
105-0001 Hononu Well "A"	3,236,422.29				731,657.71		3,968,080.00
106-0001 Kulaimano Production Well	1,015,032.97	10,402.80			214,010.03		1,239,445.80
107-0001 Kaieie Mauka	1,481,563.92	424,243.20			321,875.84		2,227,682.96
109-0001 Pahala Well "B"	1,870,831.67	64,044.30			381,945.33		2,326,821.30
112-0004 Olaa No. 8 Production Well	4,222,335.60				2,606,852.82		6,829,188.42
129-0001 Halaula Well Development	823,420.00						823,420.00
129-0002 Kynnersley #1 - 0.3 MG Reservoir	1,767,465.20				411,276.80		2,178,762.00
130-0001 Waimea TP Upgrades-Ph. II	739,210.00						739,210.00
130-0003 Waimea WTP Microfiltration	4,948,928.04		7,150,029.69		797,042.27		12,896,000.00
130-0004 Waimea WTP Sludge Drying Beds		3,458,753.00					3,458,753.00
130-0005 Ahualoa Well Development						4,742,200.00	4,742,200.00
133-0001 Kukuihaele Well "A"	267,571.55				66,668.45		334,240.00
133-0002 Kapulea Well Development	799,516.29	85,774.00			114,863.71		1,000,154.00
133-0004 Kapulea Well Development Ph. 2			4,298,629.75				4,298,629.75
139-0001 Makapala Well	1,024,887.36				268,027.49		1,292,914.85
154-0001 Hakalau Spring Imp.	453,560.10	51,900.00			100,806.90		606,167.00
161-0002 Ahualoa-Honokaa Transmission VL	2,558,899.72	641,110.28					3,200,000.00
HDWS-0001 Emergency Well Repairs 1		1,000,000.00					1,000,000.00
HDWS-PF18 Hawaii DWS Pro-Fi SFY 2018		3,089,432.17					3,089,432.17
HDWS-PF19 Hawaii DWS Pro-Fi SFY 2019		1,653,483.49					1,653,483.49
HDWS-PF21 Hawaii DWS Pro-Fi SFY 2021	266,075.75	6,733,924.25					7,000,000.00
HDWS-PF22 Hawaii DWS Pro-Fi SFY 2022		4,880,000.00	2,900,000.00		2,220,000.00		10,000,000.00
Hawaii Department of Water Supply Totals	\$30,083,794.70	\$32,596,388.26	\$14,348,659.44	\$0.00	\$9,245,027.35	\$4,742,200.00	\$90,016,069.75
Maui Department of Water Supply							
212-0003 Vineyard Street VLR						1,430,000.00	1,430,000.00
212-0006 Kihei Road VLR						768,923.00	768,923.00
212-0007 Lower Paia Water Tank Replac.	982,989.62				30,004.38		1,012,994.00
212-0009 Wailuku Well Development	1,651,131.00				348,869.00		2,000,000.00
212-0010 Uluniu Rd. and Ewa Place VLR	649,608.21	50,000.00			150,391.79		860,000.00
212-0011 Maui Meadows Booster PS #18 Imp.	244,977.73	844,648.25			10,374.02		1,100,000.00
212-0015 Iao Surface WTP Upgrades		21,479,524.55					21,479,524.55
212-0018 Wailuku Hts. Tank 30 Booster Replac.			1,804,849.00				1,804,849.00
213-0001 Kamole Water TP	4,725,097.00				3,115,000.00		7,840,097.00
213-0003 Kamole Water WTP Clear WR	8,047,244.14				1,657,804.66		9,704,848.80
213-0006 Makawao Waterline Imp.	530,316.18				144,092.82		674,409.00
213-0008 Kamole WTP High Lift Pumps	645,319.15	1,000,000.00			148,680.85		1,794,000.00
213-0009 Kaupakalua Rd. VML Imp. Ph. 1	684,895.19				161,151.81		846,047.00
213-0014 Paia-Kuau WS Imp.	572,394.23				120,975.80		693,370.03
213-0015 Haliimaile Tank Replac.	567,642.19	26,808.63			79,716.67		674,167.39
213-0018 Pookela Well B Development		3,004,637.28					3,004,637.28
214-0009 Napili Well "A" Site Improvements	1,315,166.74				314,805.26		1,629,972.00
215-0003 Waikama Flume Repair/Replac.	6,578,954.58				1,384,472.80		7,963,427.38
215-0004 Olinda WTP - Relining of the 8.5 MG SB	816,236.67	263,418.00			183,763.33		1,263,418.00
215-0006 West Olinda Tank Replac.						1,469,000.00	1,469,000.00
215-0009 Ph. 6 Booster Pump Upgrades	3,746,780.00		159,945.50		93,274.50		4,000,000.00
215-0010 Kula 200 #1 Tank Replac.	654,671.83	19,286.63			75,371.54		749,330.00
217-0005 Waku Well Replacement	1,675,231.06	66,608.53			264,216.66		2,006,056.25
233-0002 Kualapuu MCC Upgrades			500,000.00				500,000.00
247-0004 Pihoilo WTP Imp. - OCR	3,467,851.94				815,965.16		4,283,817.10
247-0005 Upper Omaopio Rd. Tank Replac.	873,883.10				208,233.90		1,082,117.00
247-0006 Middle and Lower Omaopio Rd.	466,320.52				109,722.48		576,043.00
247-0008 Omaopio 2.1 MG Tank Replac.		45,000.00	4,094,686.00				4,139,686.00
MDWS-0001 Source Generator Installation - 4 Sites			943,833.06		266,166.84		1,200,000.00
MDWS-0002 Maui DWS WS Imp. 1		4,481,000.30					4,481,000.30
Maui Department of Water Supply Totals	\$38,898,721.08	\$31,310,932.17	\$7,503,313.56	\$0.00	\$9,672,854.47	\$3,667,923.00	\$91,051,744.28

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State of Hawaii
Drinking Water Treatment Revolving Loan Fund
Cross-Reference of Executed Projects By Funding Source
June 30, 2022

	420 Federal Cap Grant	422 Principal from Repayments	423 Interest from Repayments	424 Investment Interest	421 State Match for Cap Grant	420 ARRA Federal Cap Grant	Total
Honolulu Board of Water Supply							
331-0002 Waimanalo Well III	1,848,078.11	135,700.25			365,931.84		2,147,710.20
331-0018 Pearl City WS Imp.	1,153,376.73				102,058.27		1,255,435.00
331-0024 Alewa WS Imp.	1,988,724.00	222,347.00			444,965.00		2,666,036.00
331-0025 Liliha WS Imp., Ph. B	1,553,221.43				380,962.45		1,934,183.88
331-0031 Oahu Ave & Huelani Dr. 8-in Ms	1,148,123.17				176,328.83		1,324,452.00
331-0034 Pacific Heights WS Imp.						2,272,965.00	2,272,965.00
331-0036 Kapahulu WS Imp.						2,988,810.00	2,988,810.00
331-0037 Kam Hwy. 8-in. Ms (Kaneohe)						1,206,874.00	1,206,874.00
331-0038 Kealakaha Dr. 8-in Ms	858,998.62				205,406.67		1,064,405.29
331-0042 Foster Village WS Imp., Part III	794,217.98				237,569.02		1,031,787.00
331-0043 Diamond Head WS Imp., Part II		2,094,687.30			2,201,198.00		4,295,885.30
331-0047 Kailhi WS Imp., Part III	841,090.83	4,201,730.45					5,042,821.28
331-0049 Kona St 8-in Main	2,119,115.62				393,605.68		2,512,721.30
331-0052 Mapunapuna WS Imp., Part I	651,856.95				150,912.40		802,769.35
331-0057 Ward Ave. 12-in & 8-in Ms	1,982,702.06	275,549.42			37,763.82		2,296,015.30
331-0059 Woodlawn Dr. 8-in Main	2,791,894.87				605,285.68		3,397,180.55
331-0062 Kam Hwy. 16-in & 8-in Ms (Heeia)	4,479,213.14	899,728.26			874,704.20		6,253,645.60
331-0063 Kapiolani Blvd. 12-in Main	2,764,104.18	1,371,107.35			414,374.15		4,549,585.68
331-0068 Energy Savings Performance Contracting	14,069,793.00	17,116,465.00			1,695,575.00		32,891,833.00
331-0080 Moiliili WS Imp., Part IV		3,000,000.00	3,007,022.04				6,007,022.04
332-0004 Kam Hwy. 8-in. Ms (Haleiwa)						2,871,616.00	2,871,616.00
333-0001 Cal. Ave. WS Imp., Parts II & III	3,019,480.37				768,823.31		3,788,303.68
335-0002 Kunia Wells II-Nitrate Tf	395,054.20						395,054.20
335-0003 Ewa Shaft GAC Tf	8,793,324.92	871,998.03			2,431,660.30		12,096,983.25
335-0004 Pailani Street WS Imp.	2,070,122.33	235,452.00			485,084.00		2,790,658.33
HBWS-0001 Honolulu BWS WS Imp. 1	5,981,078.41			257,984.15	558,393.13		6,797,455.69
HBWS-0002 Honolulu BWS Loan Refinance 1		26,400,910.01					26,400,910.01
HBWS-0003 Honolulu BWS WS Imp. 2	124,820.50	2,362,406.59	1,283,329.68	3,572,205.06	1,776,805.19		9,119,367.02
HBWS-PF17 Honolulu BWS Pro-Fi SFY 2017	3,384,975.00				1,615,025.00		5,000,000.00
HBWS-PF19 Honolulu BWS Pro-Fi SFY 2019	436,520.00	5,342,080.00			2,221,400.00		8,000,000.00
HBWS-PF20 Honolulu BWS Pro-Fi SFY 2020	8,642,325.00	6,357,675.00					15,000,000.00
HBWS-PF21 Honolulu BWS Pro-Fi SFY 2021	8,229,740.00	1,568,060.00			2,202,200.00		12,000,000.00
HBWS-PF22 Honolulu BWS Pro-Fi SFY 2022	8,589,480.00	2,910,520.00					11,500,000.00
Honolulu Board of Water Supply Totals	\$88,519,431.43	\$75,366,416.66	\$4,548,335.87	\$3,572,205.06	\$20,345,631.84	\$9,140,265.00	\$201,492,485.98
Kauai Department of Water							
400-0001 Stable 1.0 MG Tank	5,922,879.19				1,352,018.84		7,274,897.83
400-0002 Job 04-04, PLH-09, PLR						1,949,612.00	1,949,612.00
400-0004 Job No. PLH-03, Kahili HDDW	480,412.26				187,989.74		678,402.00
400-0011 PLH-39, Lihue Baseyard Imp.		4,000,000.00					4,000,000.00
404-0001 Rehab., Hanapepe-Ellelele WS	553,278.00				137,856.00		691,134.00
404-0002 Replace Pipeline at Hanapepe	995,849.65				248,127.09		1,243,976.74
406-0001 Kekaha Well	689,140.53				174,742.21		862,882.74
406-0003 Kapiimoa 0.5 MG Tank	2,766,164.46	97,980.97			929,613.74		3,793,759.17
406-0005 Kauruaui Hwy. 12-in M Replac.	3,170,305.69				819,231.64		3,989,537.33
408-0002 Poipu Road 16 in Main Replac.	4,042,653.00	48,026.83			1,068,206.00		5,158,885.83
410-0001 Dam. Repairs to Kokolau Tun.	1,656,623.13				6,577.89		1,663,201.02
410-0005 Reh. Lihue Steel Tanks 1 & 2	963,687.00				279,330.00		1,243,017.00
413-0002 Wailua Homesteads Well No. 3	397,736.50						397,736.50
413-0005 Omellas 0.2 MG Tank Ref.	647,953.00				161,445.00		809,398.00
413-0006 16 in WLR along Kuhio Hwy.	1,710,702.65	148,004.02			446,386.15		2,305,093.02
413-0008 Job No. 02-15, WK29, Wailua HL	3,281,807.13	244,008.00			937,469.67		4,463,084.00
434-0003 Waha, Wawahe, & Niho Roads M Replac.	1,594,014.73				352,003.27		1,936,018.00
Kauai Department of Water Totals	\$28,872,127.12	\$4,538,019.82	\$0.00	\$0.00	\$7,100,996.24	\$1,949,612.00	\$42,460,755.18
Privately-owned Water Systems							
P-DW156-0004 WS Fire Hydrant Replac.		275,000.00					275,000.00
P-DW156-0005 WS Auto Read Meter Transmitter Replac.		55,770.00					55,770.00
P-DW187-0001 North Easements WLR Replac.		1,149,750.00					1,149,750.00
P-DW201-0002 Helani WLR Replac.		1,000,000.00					1,000,000.00
P-DW243-0001 Kaeleku Tank Replac.		1,000,000.00					1,000,000.00
P-DW303-0001 Kunia Village Potable WS Upgrades				1,621,805.00			1,621,805.00
Privately-owned Water Systems Totals	\$0.00	\$3,480,520.00	\$0.00	\$1,621,805.00	\$0.00	\$0.00	\$5,102,325.00
	\$186,372,074.33	\$147,292,276.91	\$26,400,308.87	\$5,194,010.06	\$45,364,710.00	\$19,500,000.00	\$430,123,380.17

ATTACHMENT 3: MANAGEMENT DISCUSSION AND ANALYSIS

**Department of Health
State of Hawai'i
Drinking Water Treatment Revolving Loan Fund**

Management Discussion and Analysis
June 30, 2022

This Management's Discussion and Analysis (MD&A) presents a narrative overview and analysis of the financial activities and performance of the Department of Health, State of Hawai'i, Drinking Water Treatment Revolving Loan Fund (DWTRLF) during the fiscal year that ended on June 30, 2022. Please read it in conjunction with the DWTRLF's financial statements and the related notes to the basic financial statements (which follow this section).

Overview of the Financial Statements

This MD&A serves as an introduction to the DWTRLF's financial statements. The accompanying report only provides information on the financial activities associated with the DWTRLF, which is a proprietary fund of the Department of Health. The program's financial statements are comprised of two components: (1) financial statements; and (2) notes to the basic financial statements.

Financial Statements

The financial statements provide information about the DWTRLF's overall financial position and results of operations. These statements, which are presented on an accrual basis of accounting, consists of the following three statements:

- The *Statement of Net Position* presents all of DWTRLF's assets, deferred outflows of resources, liabilities and deferred inflows of resources, with the difference reported as net position. Over time, increases and decreases in the DWTRLF's net position may serve as a useful indicator of whether the financial position of the DWTRLF is improving or deteriorating.
- The *Statement of Revenues, Expenses and Changes in Net Position* presents information showing how the DWTRLF's net position changed during the past year.
- The *Statement of Cash Flows* report the DWTRLF's cash flows from operating activities, noncapital financing activities and investing activities.

Notes to the Basic Financial Statements

The Notes to Basic Financial Statements section provides additional information that is essential to a full understanding of the data provided in the basic financial statements. The notes to the basic financial statements follow the basic financial statements.

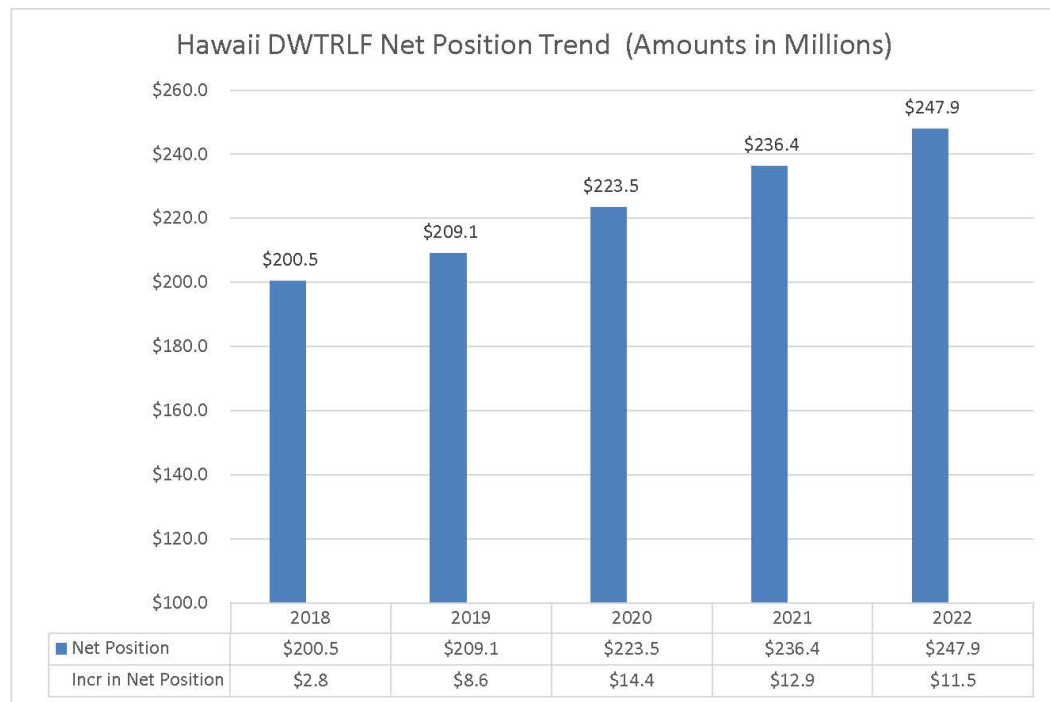
SFY 2022 DWSRF ANNUAL REPORT

Department of Health State of Hawai'i Drinking Water Treatment Revolving Loan Fund

Management Discussion and Analysis
June 30, 2022

Financial Highlights

- The DWTRLF's total net position increased from \$236.4 million as of June 30, 2021 to \$247.9 million as of June 30, 2022, or by approximately \$11.5 million. The total increase in net position was attributed to federal contributions (EPA grants), state matching contribution, interest earnings from loans, and loan fee earnings, which strengthened the financial position of the Fund.
- The increase in current assets of \$4.3 million for the year ending June 30, 2022 was mainly due to cash and cash equivalents increasing from principal repayments received during the year.
- Loans receivable increased by \$7.7 million. The increase reflects the continued demand for DWTRLF loans and strong level of loan disbursements made during the year.



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Department of Health State of Hawai'i Drinking Water Treatment Revolving Loan Fund

Management Discussion and Analysis
June 30, 2022

Financial Analysis

This section includes condensed financial information and analysis.

State of Hawaii Drinking Water Treatment Revolving Loan Fund CONDENSED STATEMENT OF NET POSITION (Amount in Thousands)		
June 30,		
	2022	2021
Current Assets	\$ 40,978	\$ 36,687
Capital Assets	327	479
Loans Receivable, non current	212,599	205,401
Total Assets	253,904	242,567
Deferred outflows of resources	571	614
Current Liabilities	484	588
Long Term Liabilities	5,092	5,655
Total Liabilities	5,576	6,243
Deferred inflows of resources	1,033	575
Net Position		
Net Investment in Capital Assets	327	479
Restricted	247,540	235,883
Total Net Position	\$ 247,867	\$ 236,362

As noted earlier, changes in net position may serve over time as a useful indicator of the DWTRLF's financial position. As of June 30, 2022, the DWTRLF's total net position was approximately \$247.9 million.

At June 30, 2022, in addition to equity in cash and cash equivalents in the state treasury approximating \$24.7 million, the DWTRLF had total loans receivable from county governments in the amount of \$227.5 million arising from the revolving loan fund program. The DWTRLF had total liabilities of \$5.6 million at

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Department of Health State of Hawai'i Drinking Water Treatment Revolving Loan Fund

Management Discussion and Analysis
June 30, 2022

June 30, 2022. Most of the liabilities are related to net pension and net OPEB liability. At June 30, 2022, net position was \$247.9 million.

State of Hawaii
Drinking Water Treatment Revolving Loan Fund
CONDENSED STATEMENT OF REVENUES, EXPENSES & CHANGES IN NET
POSITION
(Amounts in Thousands)
June 30,

	2022	2021
Revenues:		
Operating Revenues:		
Interest earnings from loans	\$ 731	\$ 627
Administration loan fee earnings	2,456	2,486
	<hr/>	<hr/>
Total Revenues	3,187	3,113
Expenses:		
Program and Administrative	2,809	3,235
Principal Forgiveness	2,046	949
	<hr/>	<hr/>
Total Expenses	4,855	4,184
Operating Income (Loss)	-1,668	-1,070
Non-Operating Revenues:		
Federal Contribution	10,668	11,596
State and Other Contributions	2,505	2,384
	<hr/>	<hr/>
Change in Net Position	11,505	12,910
Net Position:		
Beginning of year	236,362	223,452
	<hr/>	<hr/>
End of year	\$ 247,867	\$ 236,362

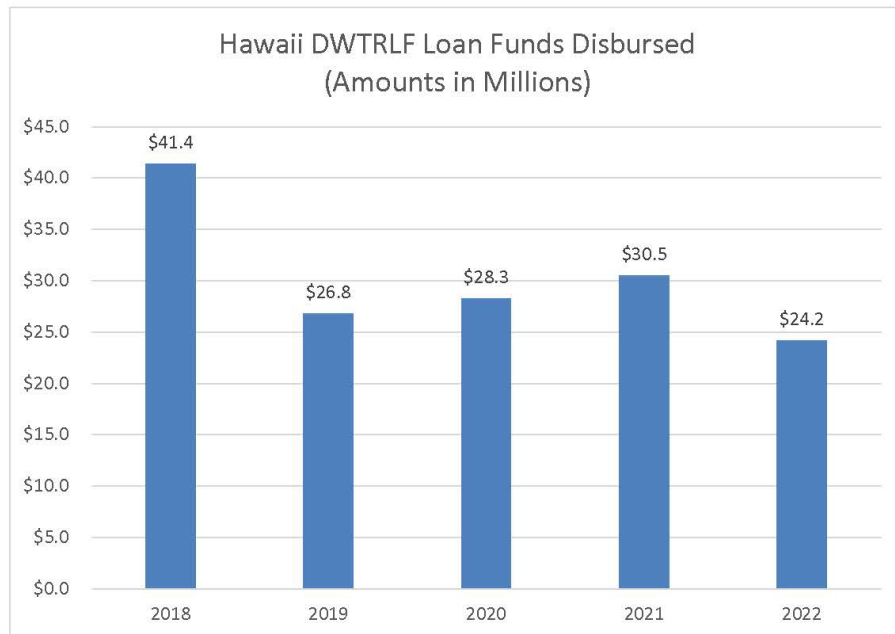
Operating expenses increased by \$0.7 million from 2021. This is mainly due to increase in principal forgiveness.

**Department of Health
State of Hawai'i
Drinking Water Treatment Revolving Loan Fund**

Management Discussion and Analysis
June 30, 2022

Total expenses for FY 2022 were \$4.9 million of which \$2.8 million was for payroll, operating, and program expenses and \$2.1 million was for loan principal forgiveness. As compared to FY 2021, total expenses were \$4.2 million of which \$3.3 million was for payroll, operating and program expenses. \$0.9 million in principal forgiveness was provided in 2021. Principal forgiveness is provided to assist borrowers with their loans. Operating loss increased by \$0.6 million over FY 2021. The difference is mainly due to the timing of the principal forgiveness paid in these years.

The DWTRLF accounts for federal and state funds used to provide loans to county governments and private borrowers for the construction of drinking water infrastructure projects and the repayment of principal, interest and fees from such loans and investment of such monies. During FY 2022, DWTRLF received \$10.7 million and \$2.2 million of federal and state funds, respectively. DWTRLF also disbursed \$24.2 million in loan proceeds and collected \$14.4 million in principal repayments in 2022. As compared to 2021, the fund collected \$11.6 million and \$2.2 million in federal and state contributions, respectively, disbursed \$30.5 million in loan proceeds, and collected \$13.2 million in principal payments.



And lastly, the DWTRLF executed a total of seven loan agreements for \$25.0 million during FY 2022.

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ATTACHMENT 4: STATEMENT OF NET POSITION

State of Hawaii
Drinking Water Treatment Revolving Fund
Statement of Net Position
June 30, 2022

Assets and Deferred Outflow of Resources

Current Assets	
Cash and cash equivalents in State Treasury	24,733,218.42
Accrued Interest	182,186.87
Accrued Interest from Investment	314,613.78
Accrued Administrative Loan Fees	657,911.82
Due from State Treasury	19,717.17
Due from Federal Government	163,777.72
Accounts Receivable	0.00
Current maturities of loans receivable	14,906,903.91
Total for Current Assets	40,978,329.69
Loans Receivable, net of current maturities	212,598,621.46
Capital Assets	
Capital Assets	2,827,506.95
Less: Accumulated Depreciation	(2,500,628.97)
Total for Capital Assets	326,877.98
Total for Assets	253,903,829.13
Deferred outflows of resources related to pensions	434,801.26
Deferred outflows of resources related to OPEB	136,688.09
Total Assets and Deferred Outflow of Resources	254,475,318.48

Liabilities, Deferred Inflow of Resources, and Net Position

Liabilities	
Current Liabilities	
Payroll Payable	90,453.12
Accounts Payable	144,879.02
Indirect Payable	157,713.66
Due to state treasury	33,334.90
Accrued Vacation, current portion	57,464.75
Total for Current Liabilities	483,845.45
Accrued Vacation, net of current portion	170,529.44
Net Pension liability	2,363,719.27
Net OPEB liability	2,557,398.09
Total for Liabilities	5,575,492.25
Deferred inflows of resources related to pensions	808,362.87
Deferred inflows of resources related to OPEB	224,208.94
Net Position	
Net Investment in Capital Assets	326,877.98
Restricted	247,540,376.44
Unrestricted	0.00
Total for Net Position	247,867,254.42
Total Liabilities, Deferred Inflow of Resources, and Net Position	254,475,318.48

See accompanying notes to financial statements

SFY 2022 DWSRF ANNUAL REPORT

ATTACHMENT 5: STATEMENT OF REVENUES, EXPENSES & CHANGES IN NET POSITION

State of Hawaii
Drinking Water Treatment Revolving Fund
Statement of Revenues, Expenses and Changes in Net Position
Year Ended June 30, 2022

Operating Revenues	
Interest earnings from loans	731,020.30
Administration loan fee earnings	2,456,015.05
Total for Operating Revenues	3,187,035.35
Operating Expenses	
Administrative Cost - 4% set-aside	426,902.71
Admin. Technical Assistance - 4% set-aside	0.00
Administrative Cost - WIIN set-aside	281,568.99
State Program Management - 10% set-aside	718,561.14
Source Water Protection - 10% set-aside	0.00
Capacity Development - 10% set-aside	0.00
Operator Certification - 10% set-aside	11,096.69
Small Systems Technical Assistance - 2% set-aside	171,000.00
Water Protection Program - 15% set-aside	0.00
Wellhead Protection Program - 15% set-aside	187,849.18
Technical or Financial Assistance - 15% set-aside	403,859.31
Admin Loan Fee - Program	608,436.69
Admin Loan Fee - Non Program	0.00
Principal Forgiveness for SRF	2,045,686.30
Total for Operating Expenses	4,854,961.01
Total Operating Income/(Loss)	(1,667,925.66)
Nonoperating Revenue/(Expense)	
Federal contribution	10,668,204.76
State matching contribution	2,202,000.00
Interest earnings (loss) from investment	287,932.78
Non-imposed fringe	14,766.12
Total Nonoperating Revenue/(Expense)	13,172,903.66
Total Change in Net Position	11,504,978.00
Total Net Position - Beginning of Year	236,362,276.42
Total Net Position - End of Year	247,867,254.42

See accompanying notes to financial statements

SFY 2022 DWSRF ANNUAL REPORT

ATTACHMENT 6: STATEMENT OF CASH FLOWS

State of Hawaii	
Drinking Water Treatment Revolving Fund	
Statement of Cash Flows	
Year Ended June 30, 2022	
Cash flows from operating activities	
Personnel Costs	(1,528,618.10)
Payments to vendors	(1,216,986.64)
Total Cash flows from operating activities	(2,745,604.74)
Cash flows from noncapital financing activities	12,926,827.84
Total Cash flows from noncapital financing activities	12,926,827.84
Cash flows from capital and related financing activities	
Purchase of equipment	(64,927.27)
Total Cash flows from capital and related financing activities	(64,927.27)
Cash flows from investing activities	
Interest income from loans	737,957.95
Administrative loan fees	2,484,345.15
Principal repayments on loans	14,431,662.28
Disbursement of loan proceeds	(24,150,315.70)
Interest from investments	89,456.39
Total Cash flows from investing activities	(6,406,893.93)
Total Net increase/(decrease) in cash and cash equivalents	3,709,401.90
Total Cash and Cash Equivalents - Beginning of Year	21,023,816.52
Total Cash and Cash Equivalents - End of Year	24,733,218.42
Reconciliation of operating income (loss) to net cash	
Provided by (used by) operating activities	
Total Operating Income (Loss)	(1,667,925.66)
Adjustments to reconcile operating income to net cash	
Depreciation	216,685.00
Principal Forgiveness for SRF	2,045,686.30
Interest income from loans	(731,020.30)
Administrative loan fees	(2,456,015.05)
IPA expenses	0.00
Non-imposed fringe	14,766.12
Total Adjustments to reconcile operating income to net cash	(909,897.93)
Change in assets, deferred outflows, liabilities, and deferred inflows	
Due from state treasury	0.00
Accounts Receivable	0.00
Accrued salaries and other administrative costs	(76,555.51)
Net deferred outflows / inflows of resources	499,624.12
Net Pension Liability	(494,855.26)
Net OPEB liability	(95,994.50)
Total Change in assets, deferred outflows, liabilities, and deferred inflows	(167,781.15)
Total Net cash used by operating activities	(2,745,604.74)

See accompanying notes to financial statements

ATTACHMENT 7: NOTES TO FINANCIAL STATEMENTS

NOTES TO FINANCIAL STATEMENTS

State of Hawaii Drinking Water Treatment Revolving Loan Fund

NOTE A - ESTABLISHMENT AND PURPOSE OF THE DWTRLF

The Safe Drinking Water Act Amendments (SDWA) of 1996 (the Act) authorized the Environmental Protection Agency (EPA) to make capitalization grants to the states for the purpose of providing loans and other types of financial assistance to public water supply systems for drinking water infrastructure.

The Act also authorized the states to set aside funding for prevention programs and administration of the Drinking Water Treatment Revolving Loan Fund (DWTRLF or Fund), provided that the amount of funding did not exceed thirty-one percent (31%) of the annual capitalization grant as follows:

1. Up to fifteen percent (15%) may be used to provide local assistance and other state programs.
2. Up to four percent (4%) may be used to cover the costs of program administration.
3. Up to ten percent (10%) may be used for Public Water System Supervision (PWSS) program activities and other initiatives of the SDWA.
4. Finally, up to two percent (2%) may be used to support small systems technical assistance activities.

To receive the federal capitalization grants, the 1997 State of Hawaii Legislature established the DWTRLF. The DWTRLF is intended to provide loans in perpetuity to public drinking water systems for construction of drinking water treatment facilities. Such loans may be at or below market interest rates and must be fully amortized within twenty years. Prior to July 1, 2015, the first repayment of principal and interest occurs no later than one year after the notice to proceed for construction or the final agreement date, whichever is later. Beginning July 1, 2015, the first repayment of principal and interest occurs no later than one year after the final loan disbursement, one year after the project completion date or three years after the final agreement date, whichever is earliest. The Fund is administered by the Safe Drinking Water Branch, Environmental Management Division of the Department of Health (DOH), State of Hawaii.

NOTE B - SIGNIFICANT ACCOUNTING POLICIES

1. Financial Statement Presentation

The accompanying financial statements are intended to present the financial position, results of operations and cash flows of only that portion of the State and DOH that is attributable to the transactions of DWTRLF and do not purport to present the financial

NOTES TO FINANCIAL STATEMENTS *(continued)*

State of Hawaii Drinking Water Treatment Revolving Loan Fund

position, results of operation or cash flows of the State or DOH.

The accompanying financial statements of the DWTRLF have been prepared in conformity with accounting principles generally accepted in the United States of America prescribed by the Governmental Accounting Standards Board (GASB).

2. Measurement Focus and Basis of Accounting

The accompanying financial statements are reported using the economic resources measurement focus (i.e., recognizing all revenues earned during the year) and the accrual basis of accounting. Revenues are reported when earned and expenses are reported when a liability is incurred, regardless of the timing of the related cash flows. Grants and similar items are recognized as revenue as soon as all eligibility requirements imposed by the provider have been met.

Proprietary funds distinguish operating revenues and expenses from non-operating items. Operating revenues and expenses generally result from services or goods in connection with a proprietary fund's principal ongoing operation. Revenues and expenses not meeting this definition are reported as non-operating revenues and expenses. The principal operating revenues of the DWTRLF are interest income and administrative loan fees on loans made to county governments. Federal grants, state matching funds, and interest income from investments are reported as non-operating revenue. Principal forgiveness for loans is reported as operating expenses.

3. Use of Estimates

In preparing financial statements in conformity with accounting principles generally accepted in the United States, management is required to make estimates and assumptions that affect the reported amounts of assets and liabilities, the disclosure of contingent assets and liabilities at the date of the financial statements, and the reported amounts of revenues and expenses during the reporting period. Actual results could differ from those estimates. These estimates, among others, include the allowance for uncollectible accounts, depreciable lives of capital assets, and the pensions and other postemployment benefits (OPEB) liability.

4. Equity in Cash and Cash Equivalents and Investments in State Treasury

All monies of the DWTRLF are held in the State Treasury. The State Director of Finance is responsible for the safekeeping of cash in the State Treasury in accordance with State laws. The Director of Finance may invest any monies of the state, which in the Director's

NOTES TO FINANCIAL STATEMENTS *(continued)*

State of Hawaii Drinking Water Treatment Revolving Loan Fund

judgment are in excess of the amounts necessary for meeting the immediate requirements of the state.

Effective August 1, 1999, cash was pooled with funds from other state agencies and departments and deposited into approved financial institutions or participates in the State Treasury Investment Pool System. Cash accounts that participate in the investment pool accrue interest based on the average weighted cash balances of each account. At June 30, 2022, information relating to the types, insurance, collateral, and related interest rate, credit and custodial risks of funds deposited with the State Treasury was not available since such information is determined on a statewide basis and not for individual departments. The State requires that the depository banks pledge, as collateral, government securities held in the name of the state for deposits not covered by federal deposit insurance.

5. Loans Receivable

Loans provided are funded by federal capitalization grants, State matching funds, repayments and investment interest income. Loan funds are disbursed to local agencies as they expend for the purposes of the loan, and request reimbursement from the Fund. Interest is calculated from the date that loan funds are disbursed, and after the final disbursement has been made, the payment schedule identified in the loan agreement is adjusted for the actual amounts disbursed, and interest accrued during the project period. The capitalization grants for federal fiscal years 2010 through 2021 allow for portions of loans to be forgiven upon satisfaction of certain requirements.

6. Administrative Loan Fees

The administrative loan fee program pays for the Fund's administration, including employee salaries and benefits. The program applies an administrative loan fee to all loans as provided for in Chapter 11-65 of the Hawaii Administrative Rules.

7. Capital Assets

Management capitalizes an asset if the cost is in excess of \$5,000 and the useful life exceeds one year. Purchased capital assets are valued at cost. Donated assets are recorded at their fair market value at the date of donation.

Depreciation expense is recorded in the financial statements. The straight-line method is utilized over the assets' estimated useful life. Generally, the useful life is three to seven years.

8. Accrued Vacation

Employees earn vacation leave at a rate of 14 hours for each month of service. Vacation leave can be accumulated up to a maximum of 720 hours at the end of the calendar year and is convertible to pay upon termination of service.

Included in accrued vacation is compensatory time off (CTO). Employees may elect to take CTO in lieu of cash payment for overtime worked. CTO can be accumulated up to 240 hours.

9. Accumulated Sick Leave

Sick leave accumulates at a rate of 14 hours for each month of service without limit, but may be taken only in the event of an illness and is not convertible to pay upon termination of employment. However, an employee who leaves government service in good standing with 60 days or more of unused sick leave is entitled to additional service credit in the Employees' Retirement System (ERS). At June 30, 2022, accumulated sick leave was approximately \$631,900

10. Net Position

Net position are restricted when constraints placed on them are either externally imposed or imposed by constitutional provisions or enabling legislation. Internally imposed designations of resources are not presented as restricted net position. When both restricted and unrestricted resources are available for use, generally, it is management's policy to use restricted resources first, then unrestricted resources as they are needed.

DWTRLF's net position is classified into two net position categories.

Net investment in capital assets consists of capital assets, net of accumulated depreciation and outstanding debt attributable to the acquisition, construction or improvement of those assets.

Restricted-expendable consists of restricted assets less liabilities whose use by the Fund are subject to externally-imposed stipulations that can be fulfilled by actions of the Fund pursuant to those stipulations or that expire by the passage of time.

NOTES TO FINANCIAL STATEMENTS *(continued)*

State of Hawaii Drinking Water Treatment Revolving Loan Fund

11. Administration Costs

The accompanying financial statements do not reflect certain administration costs incurred which are paid for by other sources of funding from DOH. These costs include the DOH and State's overhead costs which DOH does not assess to the DWTRLF, since they are not practical to determine.

12. Fund Accounts

The DWTRLF consists of the State Revolving Fund (SRF) and non-SRF activity. The SRF activity consists exclusively of federal capitalization grant loans, state matching contributions, principal loan repayments, and interest from loans and other earning assets. Non-SRF activity consists of administrative loan fees and federal set aside funds.

13. Expenses

The statement of revenues, expenses and changes in net position presents expenses on a functional basis. The natural classifications of expenses are presented in the supplementary schedule of operating expenses.

14. Deferred Outflows of Resources and Deferred Inflows of Resources

Deferred outflows of resources represent a consumption of net position that applies to a future period and will not be recognized as an outflow of resources (expense) until that time. Deferred inflows of resources represent an acquisition of net position that applies to a future period and will not be recognized as an inflow of resources (revenue) until that time. The following is a breakdown of deferred outflows of resources and deferred inflows of resources as of June 30, 2022:

	Deferred Outflows of Resources	Deferred Inflows of Resources
Related to Pensions	\$ 434,801.26	\$ (808,362.87)
Related to Other Postemployment Benefits	136,688.09	(224,208.94)
	<u>\$ 571,489.35</u>	<u>\$ (1,032,571.81)</u>

NOTES TO FINANCIAL STATEMENTS *(continued)*

State of Hawaii Drinking Water Treatment Revolving Loan Fund

15. Pensions

For purposes of measuring the net pension liability, deferred outflows of resources, and deferred inflows of resources related to pensions and pension expense, information about the fiduciary net position of the ERS, and additions to/deductions from the ERS fiduciary net position have been determined on the same basis as they are reported by the ERS. For this purpose, benefit payments (including refunds of employee contributions) are recognized when due and payable in accordance with benefit terms. Investments are reported at their fair value.

16. Other Post-employment Benefits (OPEB)

For purposes of measuring the net OPEB liability, deferred outflows of resources and deferred inflows of resources related to OPEB and OPEB expense, information about the fiduciary net position of the Hawaii Employer-Union Health Benefits Trust Fund (EUTF), and additions to/deductions from the EUTF's fiduciary net position have been determined on the same basis as they are reported by the EUTF. For this purpose, benefit payments are recognized when due and payable in accordance with the benefit terms. Investments are reported at their fair value.

17. Indirect Cost

The state charges the DWTRLF federal grants an indirect cost on direct salaries and wages, including all fringe benefits. It is determined based on a negotiated Federal indirect rate.

18. Due from State Treasury

Due from State Treasury includes amounts due from other State departments and agencies, primarily related to interest income, which were not received at the end of the fiscal year.

NOTES TO FINANCIAL STATEMENTS *(continued)*

State of Hawaii Drinking Water Treatment Revolving Loan Fund

NOTE C - LOANS RECEIVABLE

At June 30, 2022, the DWTRLF had outstanding loan receivables with the following government entities:

Fourteen loans with the City & County of Honolulu, Board of Water Supply; due in semiannual payments, including interest ranging from 0.00% to 1.15%, commencing not later than one year after project completion, notice to proceed, final loan disbursement or three years after loan agreement date. Final payment is due not later than twenty years after project completion.

\$119,760,909.73

Seventeen loans with the County of Hawaii, Water Board; due in semiannual payments, including interest ranging from 0.00% to 1.00%, commencing not later than one year after project completion, notice to proceed, final loan disbursement or three years after loan agreement date. Final payment is due not later than twenty years after project completion.

53,580,508.14

Seventeen loans with the County of Maui, Board of Water Supply; due in semiannual payments, including interest ranging from 0.00% to 1.15%, commencing not later than one year after project completion, notice to proceed, final loan disbursement or three years after loan agreement date. Final payment is due not later than twenty years after project completion.

41,662,318.79

Thirteen loans with the County of Kauai, Board of Water Supply; due in semiannual payments, including interest ranging from 0.16% to 0.99%, commencing not later than one year after project completion, notice to proceed, final loan disbursement or three years after loan agreement date. Final payment is due not later than twenty years after project completion.

12,501,788.71

227,505,525.37

Less: current maturities

(14,906,903.91)

\$212,598,621.46

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NOTES TO FINANCIAL STATEMENTS *(continued)*

State of Hawaii Drinking Water Treatment Revolving Loan Fund

Loans are expected to mature at various dates through 2042. The scheduled principal payments on loans maturing in subsequent years are as follows:

SFY2023	\$ 14,906,903.91
SFY2024	\$ 14,987,020.77
SFY2025	\$ 15,055,576.93
SFY2026	\$ 15,087,840.90
SFY2027	\$ 15,112,334.02
SFY2028-2032	\$ 72,433,976.74
SFY2033-2037	\$ 58,445,999.98
SFY2038-2042	\$ 21,475,872.12
	<u>\$227,505,525.37</u>

Management believes that all loans will be repaid according to the loan terms or portions will be forgiven upon satisfaction of certain requirements; accordingly, no provision for uncollectible amounts has been recorded.

In fiscal year 2022, \$2,045,686.30 in loans were forgiven. Loans and advances forgiven are performed in accordance with the required conditions.

As of June 30, 2022, the DWTRLF were earmarked to be loaned under existing commitment notices to the following borrowers:

City & County of Honolulu, Board of Water Supply	\$ -
County of Hawaii, Water Board	-
County of Kauai, Board of Water Supply	13,000,000.00
County of Maui, Board of Water Supply	4,250,000.00
Private Water Systems	-
Total	<u>\$ 17,250,000.00</u>

NOTE D - CONTRIBUTED CAPITAL

The DWTRLF is capitalized by grants from EPA authorized by Section 1452 of the Safe Drinking Water Act (the Act) and matching funds from the State. As of June 30, 2022, EPA has awarded \$226,823,548.00 to the State of Hawaii, of which \$221,014,958.17 has been drawn down for loans and set asides and the remaining \$1,517,650.00 is related to EPA in-kind draws. Total draws including EPA in-kind draws is \$222,532,608.17.

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NOTES TO FINANCIAL STATEMENTS *(continued)*

State of Hawaii Drinking Water Treatment Revolving Loan Fund

The following summarizes the EPA capitalization grants, amounts drawn on each grant, and the balances available for future loans at June 30, 2022:

Budget Period	FFY	Amount	DWTRLF Cash Draws	EPA Draws* (deducted prior to issuance of cap	Funds Available
Balance from Previous Years:	97-16	174,358,558.00	174,358,558.00	1,452,500.00	1 0.00
10/01/2017 - 06/30/2022	17	8,242,990.00	8,242,990.00	65,150.00	2 0.00
10/01/2018 - 06/30/2023	18	11,107,000.00	11,107,000.00	0.00	0.00
10/01/2019 - 06/30/2026	19	11,103,000.00	10,771,404.55	0.00	331,595.45
07/01/2020 - 06/30/2025	20	11,011,000.00	9,562,175.62	0.00	1,448,824.38
08/01/2021 - 06/30/2026	21	11,001,000.00	8,490,480.00	0.00	2,510,520.00
		226,823,548.00	222,532,608.17	1,517,650.00	4,290,939.83

* Amount was deducted prior to issuance of cap grant. Therefore, the amount shows up in EPA's records and not in FAMIS.

1 \$25,000.00 deducted as in kind from the 2000 grant, from Administrative Expenses set-aside.;\$50,000.00 deducted as in kind from the 2000 grant, from State Program Management set-aside.;\$24,000.00 deducted as in kind from the 2001 grant, from State Program Management set-aside.;\$2,500.00 deducted as in kind from the 2005 grant, from Administrative Expenses set-aside.;\$450,000.00 deducted as in kind from the 2013 grant, from Administrative Expenses set-aside.;\$586,000.00 deducted as in kind from the 2015 grant, from Administrative Expenses set-aside.;\$315,000.00 deducted as in kind from the 2016 grant, from Administrative Expenses set-aside.

2 \$147,000.00 deducted as in kind from the 2017 grant, from Administrative Expenses set-aside, for: \$81,850 was transferred back to the loan fund during a grant amendment in FFY 19. Therefore, \$65,150 shows up in EPA's records and not in FAMIS.

The State is required to match 20 percent of the estimated amount of the grant from the EPA and does so in the year that the capitalization grant is awarded. Through June 30, 2022, the Fund was in compliance with the 20 percent State matching requirement. The required State match through June 30, 2022 approximated \$45.4 million, of which the entire amount has been utilized.

The table below summarizes the state match funds for each EPA capitalization grant awarded to the DWTRLF. The list shows the federal fiscal year (grant year), source of state funds, and dollar amount of state match for each EPA capitalization grant as of June 30, 2022.

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NOTES TO FINANCIAL STATEMENTS *(continued)*

State of Hawaii Drinking Water Treatment Revolving Loan Fund

Federal Fiscal Year	Source of State Funds	20% State Match Amount
Balances from previous years (1997 - 2013):		\$ 29,694,500.00
2014	Act 122/14	
	Total 14 Match	\$ 1,757,412.00
2015	Act 119/15	
	Total 15 Match	\$ 1,757,400.00
2016	Act 124/16	
	Total 16 Match	\$ 1,662,400.00
2017	Act 49/17	
	Total 17 Match	\$ 1,648,598.00
2018	Act 106/12 Act 53/18	
	Total 18 Match	\$ 573,400.00 \$ 1,648,000.00
2019	Act 40/19	
	Total 19 Match	\$ 2,220,600.00
2020	Act 006/20	
	Total 20 Match	\$ 2,202,200.00
2021	Act 88/21	
	Total 21 Match	\$ 2,200,200.00
Total 20% State Match		\$ 45,364,710.00

NOTE E - CAPITAL ASSETS

Capital asset activity for the fiscal year ended June 30, 2022 was as follows:

	Balance at July 1, 2021	Additions	Retirements/ Disposals	Balance at June 30, 2022
Equipment	\$2,113,681.05	\$ 64,927.27	\$ -	\$2,178,608.32
Intangible Assets - Software	648,898.63	-	-	648,898.63
Accumulated Depreciation	(2,283,943.97)	(216,685.00)	-	(2,500,628.97)
	<u>\$ 478,635.71</u>	<u>\$(151,757.73)</u>	<u>\$ -</u>	<u>\$ 326,877.98</u>

NOTE F – ACCRUED VACATION

The changes to the accrued vacation liability during 2022 were as follows:

Balance at July 1, 2021	\$ 192,765
Increase	111,589
Decrease	(76,360)
Balance at June 30, 2022	227,994
Less: Current portion	(57,465)
Noncurrent portion	<u>\$ 170,529</u>

NOTE G - EMPLOYEE BENEFIT PLANS

1. Pension Plan

Plan Description

Generally, all full-time employees of the State and counties are required to be members of the ERS, a cost-sharing multiple-employer defined benefit pension plan that administers the State's pension benefits program. Benefits, eligibility and contribution requirements are governed by Hawaii Revised Statutes (HRS) Chapter 88 and can be amended through legislation. The ERS issues publicly available annual financial reports that can be obtained at the ERS website: <http://ers.ehawaii.gov/resources/financials>.

Benefits Provided

The ERS Pension Trust is comprised of three pension classes for membership purposes and considered to be a single plan for accounting purposes since all assets of the ERS may legally be used to pay the benefits of any of the ERS members or beneficiaries. The ERS provides retirement, survivor and disability benefits with three membership classes known as the noncontributory, contributory and hybrid retirement plans. The three classes provide a monthly retirement allowance equal to the benefit multiplier (generally 1.25% to 2.25%) multiplied by the average final compensation multiplied by years of credited service. Average final compensation for members hired prior to July 1, 2012 is an average of the highest salaries during any three years of credited service, excluding any salary paid in lieu of vacation for members hired January 1, 1971 or later and the average of the highest salaries during any five years of credited service including any salary paid in lieu of vacation for members hired prior to January 1, 1971. For members hired after June 30, 2012, average final compensation is an average of the highest salaries during any five years of credited service excluding any salary paid in lieu of vacation.

Each retiree's original retirement allowance is increased on each July 1 beginning the calendar year after retirement. Retirees first hired as members prior to July 1, 2012 receive a 2.5% increase each year of their original retirement allowance without a ceiling. Retirees first hired as members after June 30, 2012 receive a 1.5% increase each year of their original retirement allowance without a ceiling. The annual increase is not compounded.

The following summarizes the provisions relevant to the largest employee groups of the respective membership class. Retirement benefits for certain groups, such as police officers, firefighters, some investigators, sewer workers, judges, and elected officials, vary from general employees.

Noncontributory Class

- Retirement Benefits – General employees’ retirement benefits are determined as 1.25% of average final compensation multiplied by the years of credited service. Employees with ten years of credited service are eligible to retire at age 62. Employees with 30 years of credited service are eligible to retire at age 55.
- Disability Benefits – Members are eligible for service-related disability benefits regardless of length of service and receive a lifetime pension of 35% of their average final compensation. Ten years of credited service is required for ordinary disability. Ordinary disability benefits are determined in the same manner as retirement benefits but are payable immediately, without an actuarial reduction, and at a minimum of 12.5% of average final compensation.
- Death Benefits – For service-connected deaths, the surviving spouse/reciprocal beneficiary receives a monthly benefit of 30% of the average final compensation until remarriage or re-entry into a new reciprocal beneficiary relationship. Additional benefits are payable to surviving dependent children up to age 18. If there is no spouse/reciprocal beneficiary or surviving dependent children, no benefit is payable.
- Ordinary death benefits are available to employees who were active at time of death with at least ten years of credited service. The surviving spouse/reciprocal beneficiary (until remarriage/reentry into a new reciprocal beneficiary relationship) and surviving dependent children (up to age 18) receive a benefit equal to a percentage of the member’s accrued maximum allowance unreduced for age or, if the member was eligible for retirement at the time of death, the surviving spouse/reciprocal beneficiary receives 100% joint and survivor lifetime pension and the surviving dependent children receive a percentage of the member’s accrued maximum allowance unreduced for age.

Contributory Class for Members Hired Prior to July 1, 2012

- Retirement Benefits - General employees’ retirement benefits are determined as 2% of average final compensation multiplied by the years of credited service. General employees with five years of credited service are eligible to retire at age 55.

Police officers and firefighters’ retirement benefits are determined using the benefit multiplier of 2.5% for qualified service, up to a maximum of 80% of average final compensation. Police officers and firefighters with five years of credited service are eligible to retire at age 55. Police officers and firefighters with 25 years of credited

service are eligible to retire at any age, provided the last five years is service credited in these occupations.

- Disability Benefits - Members are eligible for service-related disability benefits regardless of length of service and receive a one-time payment of the member's contributions and accrued interest plus a lifetime pension of 50% of their average final compensation. Ten years of credited service is required for ordinary disability. Ordinary disability benefits are determined as 1.75% of average final compensation multiplied by the years of credited service but are payable immediately, without an actuarial reduction, and at a minimum of 30% of average final compensation.

Death Benefits - For service-connected deaths, the surviving spouse/reciprocal beneficiary receives a lump sum payment of the member's contributions and accrued interest plus a monthly benefit of 50% of the average final compensation until remarriage or re-entry into a new reciprocal beneficiary relationship. If there is no surviving spouse/reciprocal beneficiary, surviving dependent children (up to age 18) or dependent parents are eligible for the monthly benefit. If there is no spouse/reciprocal beneficiary or surviving dependent children/parents, the ordinary death benefit is payable to the designated beneficiary.

- Ordinary death benefits are available to employees who were active at time of death with at least one year of service. Ordinary death benefits consist of a lump sum payment of the member's contributions and accrued interest plus a percentage of the salary earned in the 12 months preceding death, or 50% joint and survivor lifetime pension if the member was not eligible for retirement at the time of death but was credited with at least ten years of service and designated one beneficiary, or 100% joint and survivor lifetime pension if the member was eligible for retirement at the time of death and designated one beneficiary.

Contributory Class for Members Hired After June 30, 2012

- Retirement Benefits - General employees' retirement benefits are determined as 1.75% of average final compensation multiplied by the years of credited service. General employees with ten years of credited service are eligible to retire at age 60.

Police officers and firefighters' retirement benefits are determined using the benefit multiplier of 2.25% for qualified service, up to a maximum of 80% of average final compensation. Police officers and firefighters with ten years of credited service are eligible to retire at age 60. Police officers and firefighters with 25 years of credited

service are eligible to retire at age 55, provided the last five years is service credited in these occupations.

- Disability and Death Benefits - Members are eligible for service-related disability benefits regardless of length of service and receive a lifetime pension of 50% of their average final compensation plus refund of contributions and accrued interest. Ten years of credited service is required for ordinary disability.

For police officers and firefighters, ordinary disability benefits are 1.75% of average final compensation for each year of service and are payable immediately, without an actuarial reduction, at a minimum of 30% of average final compensation.

Death benefits for contributory members hired after June 30, 2012 are generally the same as those for contributory members hired June 30, 2012 and prior.

Hybrid Class for Members Hired Prior to July 1, 2012

- Retirement Benefits – General employees’ retirement benefits are determined as 2% of average final compensation multiplied by the years of credited service. General employees with five years of credited service are eligible to retire at age 62. General employees with 30 years of credited service are eligible to retire at age 55.
- Disability Benefits – Members are eligible for service-related disability benefits regardless of length of service and receive a lifetime pension of 35% of their average final compensation plus refund of their contributions and accrued interest. Ten years of credited service is required for ordinary disability. Ordinary disability benefits are determined in the same manner as retirement benefits but are payable immediately, without an actuarial reduction, and at a minimum of 25% of average final compensation.
- Death Benefits – For service-connected deaths, the designated surviving spouse/reciprocal beneficiary receives a lump sum payment of the member’s contributions and accrued interest plus a monthly benefit of 50% of the average final compensation until remarriage or re-entry into a new reciprocal beneficiary relationship. If there is no surviving spouse/reciprocal beneficiary, surviving dependent children (up to age 18) or dependent parents are eligible for the monthly benefit. If there is no spouse/reciprocal beneficiary or surviving dependent children/parents, the ordinary death benefit is payable to the designated beneficiary.

Ordinary death benefits are available to employees who were active at time of death with at least five years of service. Ordinary death benefits consist of a lump sum payment of the member’s contributions and accrued interest plus a percentage multiplied by 150%, or 50% joint and survivor lifetime pension if the member was not eligible for retirement at the time of death but was credited with at least ten years of service and designated one beneficiary, or 100% joint and survivor lifetime pension if the member was eligible for retirement at the time of death and designated one beneficiary.

Hybrid Class for Members Hired After June 30, 2012

- Retirement Benefits – General employees’ retirement benefits are determined as 1.75% of average final compensation multiplied by the years of credited service. General employees with ten years of credited service are eligible to retire at age 65. Employees with 30 years of credited service are eligible to retire at age 60. Sewer workers, water safety officers, and emergency medical technicians may retire with 25 years of credited service at age 55.
- Disability and Death Benefits – Provisions for disability and death benefits generally remain the same except for ordinary death benefits. Ordinary death benefits are available to employees who were active at time of death with at least ten years of service. Ordinary death benefits consist of a lump sum payment of the member’s contributions and accrued interest, or 50% joint and survivor lifetime pension if the member was not eligible for retirement at the time of death but was credited with at least ten years of service and designated one beneficiary, or 100% joint and survivor lifetime pension if the member was eligible for retirement at the time of death and designated one beneficiary.

Contributions

Contributions are governed by HRS Chapter 88 and may be amended through legislation. The employer rate is set by statute based on the recommendations of the ERS actuary resulting from an experience study conducted every five years. Since July 1, 2005, the employer contribution rate is a fixed percentage of compensation, including the normal cost plus amounts required to pay for the unfunded actuarial accrued liabilities. The contribution rates for fiscal year 2022 were 41% for police officers and firefighters and 24% for all other employees. Contributions to the pension plan from the DWTRLF were \$239,531 for the fiscal year ended June 30, 2022.

Per Act 17, Session Laws of Hawaii (SLH) 2017, employer contributions from the State and counties are expected to increase over four years beginning July 1, 2017. The rate for police officers and firefighters is 41% on July 1, 2020. The rate for all other employees is 24% on July 1, 2020.

The employer is required to make all contributions for noncontributory members. Contributory members hired prior to July 1, 2012 are required to contribute 7.8% of their salary, except for police officers and firefighters who are required to contribute 12.2% of their salary. Contributory members hired after June 30, 2012 are required to contribute 9.8% of their salary, except for police officers and firefighters who are required to contribute 14.2% of their salary. Hybrid

NOTES TO FINANCIAL STATEMENTS *(continued)*

State of Hawaii Drinking Water Treatment Revolving Loan Fund

members hired prior to July 1, 2012 are required to contribute 6.0% of their salary. Hybrid members hired after June 30, 2012 are required to contribute 8.0% of their salary.

Pension Liabilities, Pension Expense, and Deferred Outflows of Resources and Deferred Inflows of Resources Related to Pensions

At June 30, 2022, the DWTRLF reported a liability of \$2,363,719 for its proportionate share of the net pension liability of the State. The net pension liability was measured as of June 30, 2021, and the total pension liability used to calculate the net pension liability was determined by an actuarial valuation as of that date. The State's proportion of the net pension liability was based on a projection of the State's long-term share of contributions to the pension plan relative to projected contributions of all participants, actuarially determined. The DWTRLF's proportion of the net pension liability was based on an allocation of the State's net pension liability based on the proportionate share of qualified payroll. At June 30, 2021 and 2020, the DWTRLF's proportion of the State's share was 0.03%.

There was no change in actuarial assumptions as of June 30, 2020 to June 30, 2021.

There were no changes between the measurement date, June 30, 2021, and the reporting date, June 30, 2022, that are expected to have a significant effect on the proportionate share of the net pension liability.

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NOTES TO FINANCIAL STATEMENTS *(continued)*

State of Hawaii Drinking Water Treatment Revolving Loan Fund

For the year ended June 30, 2022, the DWTRLF recognized pension expense of \$209,351. At June 30, 2022, the DWTRLF reported deferred outflows of resources and deferred inflows of resources related to pensions from the following sources:

	Deferred Outflows of Resources	Deferred Inflows of Resources
Net differences between expected and actual experience	\$117,218	\$ --
Changes in assumptions	59,450	(34)
Net difference between projected and actual earnings on pension plan investments	--	(793,258)
Changes in proportion and difference between DWTRLF contributions and proportionate share of contributions	18,602	(15,071)
DWTRLF contributions subsequent to the measurement date	<u>239,531</u>	<u>--</u>
	<u>\$ 434,801</u>	<u>\$ (808,363)</u>

At June 30, 2022, the \$239,531 reported as deferred outflows of resources related to pensions resulting from DWTRLF contributions subsequent to the measurement date will be recognized as a reduction of the net pension liability in the fiscal year ended June 30, 2023.

Other amounts reported as deferred outflows of resources and deferred inflows of resources related to pensions will be recognized in pension expense as follows:

<u>Fiscal Year Ending June 30,</u>	<u>Amount</u>
2023	\$ (138,850)
2024	(138,910)
2025	(124,273)
2026	(106,693)
2027	<u>(104,367)</u>
Total	<u>\$(613,093)</u>

NOTES TO FINANCIAL STATEMENTS *(continued)*

State of Hawaii Drinking Water Treatment Revolving Loan Fund

Actuarial Assumptions

The total pension liability in the June 30, 2021 actuarial valuation was determined using the following actuarial assumptions adopted by the Board of Trustees of the Employees' Retirement System of the State of Hawaii on August 12, 2019, based on the 2018 Experience Study for the five-year period from July 1, 2013 through June 30, 2018:

Inflation	2.50%
Payroll growth rate	3.50%
Investment rate of return	7.00% per year, compounded annual including inflation

There were no changes to ad hoc postemployment benefits including cost of living allowances.

Post-retirement mortality rates are based on the 2019 Public Retirees of Hawaii mortality table with adjustments based on generational projections of the BB projection table for 2019 and full generational projections in future years. Pre-retirement mortality rates are based on multiples of the Pub-2010 mortality table based on the occupation of the member.

The long-term expected rate of return on pension plan investments was determined using a "top down approach" of the Client-Constrained Simulation-based Optimization Model (a statistical technique known as "re-sampling with a replacement" that directly keys in on specific plan-level risk factors as stipulated by the ERS's Board of Trustees) in which best-estimate ranges of expected future real rates of return (expected returns, net of pension plan investment expense and inflation) are developed for each major asset class. These ranges are combined to produce the long-term expected rate of return by weighting the expected future nominal rates of return (real returns and inflation) by the target asset allocation percentage.

The target asset allocation and best estimates of geometric real rates of return for each major asset class are summarized in the following table:

Strategic Allocation (risk-based classes)	Target Allocation	Long-term Expected Real Rate of Return
Broad growth	63.0%	8.0%
Diversifying Strategies	37.0%	5.1%
	<u>100.0%</u>	

NOTES TO FINANCIAL STATEMENTS *(continued)*

State of Hawaii Drinking Water Treatment Revolving Loan Fund

Discount Rate

The discount rate used to measure the net pension liability was 7.00%, consistent with the rate used at the prior measurement date. The projection of cash flows used to determine the discount rate assumed that employee contributions will be made at the current contribution rate and that contributions from the State will be made at statutorily required rates, actuarially determined. Based on those assumptions, the pension plan's fiduciary net position was projected to be available to make all projected future benefit payments of current active and inactive employees. Therefore, the long-term expected rate of return on pension plan investments was applied to all periods of projected benefit payments to determine the total pension liability.

Sensitivity of the DWTRLF's Proportionate Share of the Net Pension Liability to Changes in the Discount Rate

The following presents the DWTRLF's proportionate share of the net pension liability calculated using the discount rate of 7.00%, as well as what the DWTRLF's proportionate share of the net pension liability would be if it were calculated using a discount rate that is one percentage point lower (6.00%) or one percentage point higher (8.00%) than the current rate:

	1% Decrease (6.00%)	Discount Rate (7.00%)	1% Increase (8.00%)
DWTRLF's proportionate share of the net pension liability	\$3,226,297	\$2,363,719	\$1,652,573

Pension Plan Fiduciary Net Position

The pension plan's fiduciary net position is determined on the same basis used by the pension plan. The ERS's financial statements are prepared using the accrual basis of accounting under which expenses are recorded when the liability is incurred, and revenues are recorded in the accounting period in which they are earned and become measurable. Employer and member contributions are recognized in the period in which the contributions are due. Benefits and refunds are recognized when due and payable in accordance with the terms of the plan. Investment purchases and sales are recorded as of their trade date. Administrative expenses are financed exclusively with investment income.

NOTES TO FINANCIAL STATEMENTS *(continued)*

State of Hawaii Drinking Water Treatment Revolving Loan Fund

There were no significant changes after the report measurement date. Detailed information about the pension plan's fiduciary net position is available in the separately issued ERS financial report. The ERS's complete financial statements are available at <http://ers.ehawaii.gov/resources/financials>.

The State's comprehensive annual financial report contains further disclosures related to the State's proportionate share of the net pension liability and employer pension contributions.

Payables to the Pension Plan

At June 30, 2022, there was no payable to the ERS.

2. Deferred Compensation Plan

The State offers its employees a deferred compensation plan created in accordance with Internal Revenue Code Section 457. The plan, available to all State employees, permits employees to defer a portion of their salary until future years. The deferred compensation is not available to employees until termination, retirement, death, or an unforeseeable emergency.

All plan assets are held in a trust fund to protect them from claims of general creditors. The State has no responsibility for loss due to the investment or failure of investment of funds and assets in the plan, but has the duty of due care that would be required of an ordinary prudent investor.

3. Postemployment Health Care and Life Insurance Benefits

Plan Description

The State provides certain health care and life insurance benefits to all qualified employees. Pursuant to Act 88, SLH 2001, the State contributes to the Hawaii Employer-Union Health Benefits Trust Fund (EUTF), an agent multiple-employer defined benefit plan that replaced the Hawaii Public Employees Health Fund effective July 1, 2003. The EUTF was established to provide a single delivery system of health benefits for state and county workers, retirees, and their dependents. The EUTF issues an annual financial report that is available to the public at <https://eutf.hawaii.gov/reports/>. The report may also be obtained by writing to the EUTF at P.O. Box 2121, Honolulu, Hawaii 96805-2121.

NOTES TO FINANCIAL STATEMENTS *(continued)*

State of Hawaii Drinking Water Treatment Revolving Loan Fund

For employees hired before July 1, 1996, the State pays the entire base monthly contribution for employees retiring with ten years or more of credited service, and 50% of the base monthly contribution for employees retiring with fewer than ten years of credited service. A retiree can elect a family plan to cover dependents.

For employees hired after June 30, 1996 but before July 1, 2001, and who retire with less than ten years of service, the State makes no contributions. For those retiring with at least ten years but fewer than 15 years of service, the State pays 50% of the base monthly contribution. For employees retiring with at least 15 years but fewer than 25 years of service, the State pays 75% of the base monthly contribution. For employees retiring with at least 25 years of service, the State pays 100% of the base monthly contribution. Retirees in this category can elect a family plan to cover dependents.

For employees hired on or after July 1, 2001, and who retire with less than ten years of service, the State makes no contributions. For those retiring with at least ten years but fewer than 15 years of service, the State pays 50% of the base monthly contribution. For those retiring with at least 15 years but fewer than 25 years of service, the State pays 75% of the base monthly contribution. For employees retiring with at least 25 years of service, the State pays 100% of the base monthly contribution. Only single plan coverage is provided for retirees in this category. Retirees can elect family coverage but must pay the difference.

State Policy

The actuarial valuation of the EUTF does not provide OPEB information by department or agency. Accordingly, the State's policy on the accounting and reporting for OPEB is to allocate a portion of the State's net OPEB liability, deferred inflows and outflows, and OPEB expense, to component units and proprietary funds that are reported separately in stand-alone departmental financial statements or in the state's Comprehensive Annual Financial Report (CAFR). The basis for the allocation is the proportionate share of contributions made by each component unit or proprietary fund for retiree health benefits.

Contributions

Contributions are governed by HRS Chapter 87A and may be amended through legislation. Contributions to the OPEB plan from the DWTRLF was \$106,432 for the fiscal year ended June 30, 2022. The employer is required to make all contributions for members.

NOTES TO FINANCIAL STATEMENTS *(continued)*

State of Hawaii Drinking Water Treatment Revolving Loan Fund

OPEB Liabilities, OPEB Expense, and Deferred Outflows of Resources and Deferred Inflows of Resources Related to OPEB

At June 30, 2022, the DWTRLF reported a net OPEB liability of \$2,557,398 for its proportionate share of net OPEB liability of the State. The net OPEB liability was measured as of July 1, 2021, and the total OPEB liability used to calculate the net OPEB liability was determined by an actuarial valuation as of that date. The DWTRLF's proportion of the net OPEB liability was based on an allocation of the State's net OPEB liability based on the proportionate share of qualified payroll. At June 30, 2021 and 2020, the DWTRLF's proportion of the State's share was 0.01% and 0.03% respectively.

There were no changes between the measurement date, July 1, 2021, and the reporting date, June 30, 2022, that are expected to have a significant effect on the proportionate share of the net OPEB liability.

For the year ended June 30, 2022, the DWTRLF recognized OPEB expense of \$45,387. At June 30, 2022, the DWTRLF reported deferred outflows of resources and deferred inflows of resources related to OPEB from the following sources:

	Deferred Outflows of Resources	Deferred Inflows of Resources
Differences between expected and actual experience	\$ --	\$ (209,845)
Changes in assumptions	30,256	(12,657)
Net difference between projected and actual earnings on OPEB plan investments	--	(1,707)
DWTRLF contributions subsequent to the measurement date	106,432	--
	<u>\$ 136,688</u>	<u>\$ (224,209)</u>

At June 30, 2022, the \$106,432 reported as deferred outflows of resources related to OPEB resulting from DWTRLF contributions subsequent to the measurement date will be recognized as a reduction of the net OPEB liability in the year ending June 30, 2023.

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NOTES TO FINANCIAL STATEMENTS *(continued)*

State of Hawaii Drinking Water Treatment Revolving Loan Fund

Other amounts reported as deferred outflows of resources and deferred inflows of resources related to OPEB will be recognized in OPEB expense as follows:

<u>Fiscal Year Ending June 30,</u>	<u>Amount</u>
2023	\$ (46,553)
2024	(45,753)
2025	(41,322)
2026	(45,569)
2027	(14,756)
Total	<u>\$ (193,953)</u>

Actuarial Assumptions

The total OPEB liability in the July 1, 2021 actuarial valuation was determined using the following actuarial assumptions adopted by the EUTF's Board of Trustees on January 13, 2020, based on the experience study covering the five-year period ended June 30, 2018 as conducted for ERS:

Inflation	2.50%
Salary increases	3.50% to 7.00% including inflation
Investment rate of return	7.00%
Healthcare cost trend rates	
PPO*	Initial rate of 7.25%; declining to a rate of 4.70% after 12 years
HMO*	Initial rate of 7.25%; declining to a rate of 4.70% after 12 years
Contribution	Initial rate of 5.00%; declining to a rate of 4.70% after 9 years
Dental	4.00%
Vision	2.50%
Life insurance	0.00%

* Blended rates for medical and prescription drugs.

Mortality rates are based on system-specific mortality tables utilizing scale BB to project generational mortality improvement.

The long-term expected rate of return on OPEB plan investments was determined using a building-block method in which best-estimate ranges of expected future real rates of return (expected returns, net of OPEB plan investment expense and inflation) are developed for each major asset class. These ranges are combined to produce the long-term expected rate of return by weighting the expected future real rates of return by the target asset allocation percentage

NOTES TO FINANCIAL STATEMENTS *(continued)*

State of Hawaii Drinking Water Treatment Revolving Loan Fund

and by adding expected inflation. The target allocation and best estimates of arithmetic real rates of return for each asset class are summarized in the following table:

Asset Class	Target Allocation	Long-term Expected Rate of Return
Private equity	12.5%	10.19%
U.S. microcap	6.0%	7.62%
U.S. equity	16.0%	6.09%
Non-U.S. equity	11.5%	7.12%
Global options	5.0%	4.33%
Real assets	10.0%	6.16%
Private credit	8.0%	5.83%
TIPS	5.0%	-0.07%
Long treasuries	6.0%	1.06%
Alternative risk premia	5.0%	1.46%
Trend following	10.0%	2.01%
Reinsurance	5.0%	4.44%
	100.0%	

Single Discount Rate

The discount rate used to measure the net OPEB liability was 7.00%, based on the expected rate of return on OPEB plan investments of 7.00%. Beginning with the fiscal year 2019 contribution, the State's funding policy is to pay the recommended actuarially determined contribution, which is based on layered, closed amortization periods. Based on those assumptions, the OPEB plan's fiduciary net position was projected to be available to make all projected future benefit payments of current active and inactive plan members. In July 2020, the Governor's office issued the Tenth Proclamation related to the COVID-19 Emergency, allowing employers of the EUTF to suspend ACT 268 contributions for the fiscal year ending June 30, 2021 and instead limit their contribution amounts to the OPEB benefits due. This relief provision related to OPEB funding was extended to fiscal years 2022 and 2023 by ACT 229, SLH 2021. The OPEB plan's fiduciary net position is still expected to be available to make all projected future benefit payments of current plan members. Therefore, the long-term expected rate of return on OPEB plan investments was applied to all periods of projected benefit payments to determine the total OPEB liability.

OPEB Plan Fiduciary Net Position

The OPEB plan's fiduciary net position has been determined on the same basis used by the OPEB

NOTES TO FINANCIAL STATEMENTS *(continued)*

State of Hawaii Drinking Water Treatment Revolving Loan Fund

plan. The EUTF's financial statements are prepared using the accrual basis of accounting under which revenues are recorded when earned and expenses are recorded at the time liabilities are incurred, regardless of the timing of the cash flows. Employer contributions are recognized in the period in which the contributions are due. Benefits and refunds are recognized when due and payable in accordance with the terms of the plan. Investment purchases and sales are recorded on a trade-date basis. Administrative expenses are financed exclusively with investment income.

There were no significant changes after the report measurement date. Detailed information about the OPEB plan's fiduciary net position is available in the separately issued EUTF financial report. The EUTF's complete financial statements are available at <https://eutf.hawaii.gov/reports/>.

Changes in Net OPEB Liability

The following table represents a schedule of changes in the net OPEB liability. The ending balances are as of the measurement date, July 1, 2021.

	Total OPEB Liability	Plan Fiduciary Net Position	Net OPEB Liability
Beginning balance	\$ 3,349,962	\$ 696,569	\$ 2,653,393
Service cost	19,068	--	19,068
Interest on the total OPEB liability	63,298	--	63,298
Difference between expected and actual experience	(26,866)	--	(26,866)
Changes of assumptions	--	--	--
Employer contributions	--	99,402	(99,402)
Net investment income	--	52,109	(52,109)
Benefit payments	(28,926)	(28,926)	--
Administrative expense	--	(27)	27
Other	--	11	(11)
Net changes	26,574	122,569	(95,995)
Ending balance	\$ 3,376,536	\$ 819,138	\$ 2,557,398

Sensitivity of the DWTRLF's Proportionate Share of the Net OPEB Liability to Changes in the Discount Rate and Healthcare Cost Trend Rates

NOTES TO FINANCIAL STATEMENTS *(continued)*

State of Hawaii Drinking Water Treatment Revolving Loan Fund

The following table presents the DWTRLF's proportionate share of the net OPEB liability calculated using the discount rate of 7.00%, as well as what the DWTRLF's proportionate share of the net OPEB liability would be if it were calculated using a discount rate that is one percentage point lower (6.00%) or one percentage point higher (8.00%) than the current discount rate:

	<u>1% Decrease (6.00%)</u>	<u>Discount Rate (7.00%)</u>	<u>1% Increase (8.00%)</u>
DWTRLF's proportionate share of the net OPEB liability	<u>\$ 3,163,366</u>	<u>\$ 2,557,398</u>	<u>\$ 2,079,283</u>

The following table presents the DWTRLF's proportionate share of the net OPEB liability calculated using the assumed healthcare cost trend rate, as well as what the DWTRLF's proportionate share of the net OPEB liability would be if it were calculated using the trend rate that is one percentage point lower or one percentage point higher than the current healthcare cost trend rate:

	<u>1% Decrease</u>	<u>Healthcare Cost Trend Rate</u>	<u>1% Increase</u>
DWTRLF's proportionate share of the net OPEB liability	<u>\$ 2,053,473</u>	<u>\$ 2,557,398</u>	<u>\$ 3,208,321</u>

Required Supplementary Information and Disclosures

The State's CAFR includes the required note disclosures and supplementary information on the State's OPEB plan.

NOTE H - INSURANCE COVERAGE

Insurance coverage is maintained at the State level. The State is self-insured for substantially all perils including workers' compensation. Expenditures for workers' compensation and other insurance claims are appropriated annually from the State's general fund.

DOH is covered by the State's self-insured workers' compensation program for medical expenses of injured DOH employees. However, the DOH is required to pay temporary total and temporary partial disability benefits as long as the employee is on the DOH's payroll. Because actual claim liabilities depend on such complex factors as inflation, changes in legal doctrines, and damage awards, the process used in computing claims liability does not necessarily result in an exact amount. Claim liabilities may be re-evaluated periodically to take into consideration recently settled claims, the frequency of claims, and other economic and social factors.

Workers' compensation benefit claims reported as well as incurred but not reported were reviewed at year end. The estimated losses from these claims were not material.

SFY 2022 DWSRF ANNUAL REPORT

ATTACHMENT 8: COMBINING STATEMENT OF NET POSITION

State of Hawaii Drinking Water State Revolving Fund Combining Statement of Net Position June 30, 2022

	Total	SRF Activity	Non SRF Activity
Assets and Deferred Outflow of Resources			
Current Assets			
Cash and cash equivalents in State Treasury	24,733,218.42	20,707,038.57	4,026,179.85
Accrued Interest	182,186.87	182,186.87	0.00
Accrued Interest from Investment	314,613.78	314,613.78	0.00
Accrued Administrative Loan Fees	657,911.82	0.00	657,911.82
Due from State Treasury	19,717.17	19,717.17	0.00
Due from Federal Government	163,777.72	0.00	163,777.72
Accounts Receivable	0.00	0.00	0.00
Current maturities of loans receivable	14,906,903.91	14,906,903.91	0.00
Total Current Assets	40,978,329.69	36,130,460.30	4,847,869.39
Loans Receivable, net of current maturities	212,598,621.46	212,598,621.46	0.00
Capital Assets			
Capital Assets	2,827,506.95	0.00	2,827,506.95
Less: Accumulated Depreciation	(2,500,628.97)	0.00	(2,500,628.97)
Total Capital Assets	326,877.98	0.00	326,877.98
Total Assets	253,903,829.13	248,729,081.76	5,174,747.37
Deferred outflows of resources related to pensions	434,801.26	0.00	434,801.26
Deferred outflows of resources related to OPEB	136,688.09	0.00	136,688.09
Total Assets and Deferred Outflow of Resources	254,475,318.48	248,729,081.76	5,746,236.72
Liabilities, Deferred Inflow of Resources, and Net Position			
Liabilities			
Current Liabilities			
Payroll Payable	90,453.12	0.00	90,453.12
Accounts Payable	144,879.02	0.00	144,879.02
Indirect Payable	157,713.66	0.00	157,713.66
Due to state treasury	33,334.90	0.00	33,334.90
Accrued Vacation, current portion	57,464.75	0.00	57,464.75
Total Current Liabilities	483,845.45	0.00	483,845.45
Accrued Vacation, net of current portion	170,529.44	0.00	170,529.44
Net Pension liability	2,363,719.27	0.00	2,363,719.27
Net OPEB liability	2,557,398.09	0.00	2,557,398.09
Total Liabilities	5,575,492.25	0.00	5,575,492.25
Deferred inflows of resources related to pensions	808,362.87	0.00	808,362.87
Deferred inflows of resources related to OPEB	224,208.94	0.00	224,208.94
Net Position			
Net Investment in Capital Assets	326,877.98	0.00	326,877.98
Restricted	247,540,376.44	248,729,081.76	(1,188,705.32)
Unrestricted	0.00	0.00	0.00
Total Net Position	247,867,254.42	248,729,081.76	(861,827.34)
Total Liabilities, Deferred Inflow of Resources, and Net Position	254,475,318.48	248,729,081.76	5,746,236.72

See accompanying notes to financial statements

SFY 2022 DWSRF ANNUAL REPORT

ATTACHMENT 9: COMBINING STATEMENT OF REVENUES, EXPENSES & CHANGES IN NET POSITION

State of Hawaii
Drinking Water State Revolving Fund
Combining Statement of Revenues, Expenses and Changes in Net Position
Year Ended June 30, 2022

	Total	SRF Activity	Non SRF Activity
Operating Revenues			
Interest earnings from loans	731,020.30	731,020.30	0.00
Administration loan fee earnings	2,456,015.05	0.00	2,456,015.05
Total Operating Revenues	3,187,035.35	731,020.30	2,456,015.05
Operating Expenses			
Administrative Cost - 4% set-aside	426,902.71	0.00	426,902.71
Admin. Technical Assistance - 4% set-aside	0.00	0.00	0.00
Administrative Cost - WIIN set-aside	281,568.99	0.00	281,568.99
State Program Management - 10% set-aside	718,561.14	0.00	718,561.14
Source Water Protection - 10% set-aside	0.00	0.00	0.00
Capacity Development - 10% set-aside	0.00	0.00	0.00
Operator Certification - 10% set-aside	11,096.69	0.00	11,096.69
Small Systems Technical Assistance - 2% set-aside	171,000.00	0.00	171,000.00
Water Protection Program - 15% set-aside	0.00	0.00	0.00
Wellhead Protection Program - 15% set-aside	187,849.18	0.00	187,849.18
Technical or Financial Assistance - 15% set-aside	403,859.31	0.00	403,859.31
Admin Loan Fee - Program	608,436.69	0.00	608,436.69
Admin Loan Fee - Non Program	0.00	0.00	0.00
Principal Forgiveness for SRF	2,045,686.30	2,045,686.30	0.00
Total Operating Expenses	4,854,961.01	2,045,686.30	2,809,274.71
Total Operating Income/(Loss)	(1,667,925.66)	(1,314,666.00)	(353,259.66)
Nonoperating Revenue/(Expense)			
Federal contribution	10,668,204.76	8,589,480.00	2,078,724.76
State matching contribution	2,202,000.00	2,202,000.00	0.00
Interest earnings (loss) from investment	287,932.78	287,932.78	0.00
Non-imposed fringe	14,766.12	0.00	14,766.12
Total Nonoperating Revenue/(Expense)	13,172,903.66	11,079,412.78	2,093,490.88
Total Change in Net Position	11,504,978.00	9,764,746.78	1,740,231.22
Total Net Position - Beginning of Year	236,362,276.42	237,436,912.27	(1,074,635.85)
Transfer between SRF Activity and Non SRF Activity	0.00	1,527,422.71	(1,527,422.71)
Total Net Position - End of Year	247,867,254.42	248,729,081.76	(861,827.34)

See accompanying notes to financial statements

SFY 2022 DWSRF ANNUAL REPORT

ATTACHMENT 10: SCHEDULE OF SET-ASIDE ACTIVITIES EXPENSES

State of Hawaii				
Drinking Water Treatment Revolving Loan Fund				
SCHEDULE OF 4% SET-ASIDE ACTIVITIES EXPENSES				
Activity from 7/1/2021 - 6/30/2022				
	Activity in Current Period			
	4% DWSRF Administration 426	4% Technical Assistance 432	WIIN 441	TOTAL
Personnel	369,787.34	0.00	145,641.25	515,428.59
Office and Other Supplies	0.00	0.00	0.00	0.00
Telephone	0.00	0.00	0.00	0.00
Advertising and Printing	0.00	0.00	0.00	0.00
Travel	0.00	0.00	0.00	0.00
Repairs & Maintenance	0.00	0.00	0.00	0.00
Equipment	0.00	0.00	0.00	0.00
Professional Services	0.00	0.00	0.00	0.00
Rental	0.00	0.00	0.00	0.00
Training	0.00	0.00	0.00	0.00
Utilities	0.00	0.00	0.00	0.00
Miscellaneous	0.00	0.00	0.00	0.00
IPA Expenses	0.00	0.00	0.00	0.00
Drugs and Biologics	0.00	0.00	0.00	0.00
Dues and Subscriptions	0.00	0.00	0.00	0.00
Postage	0.00	0.00	0.00	0.00
Services Rendered by Other State Dept. and Agencies	57,115.37	0.00	6,148.01	63,263.38
Non-State Employee Services on a Fee Basis	0.00	0.00	0.00	0.00
Insurance	0.00	0.00	0.00	0.00
Transfers	0.00	0.00	0.00	0.00
Other Current Expenses	0.00	0.00	0.00	0.00
Pension Expense	0.00	0.00	0.00	0.00
Other Post-Employment Benefits Expense	0.00	0.00	0.00	0.00
Depreciation	0.00	0.00	129,779.73	129,779.73
TOTAL EXPENSES	\$ 426,902.71	\$ 0.00	\$ 281,568.99	\$ 708,471.70

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State of Hawaii					
Drinking Water Treatment Revolving Loan Fund					
SCHEDULE OF 10% SET-ASIDE ACTIVITIES EXPENSES					
Activity from 7/1/2021 - 6/30/2022					
	Activity in Current Period				
	10% State Program Management 427	10% Source Water Protection 433	10% Capacity Development 434	10% Operator Certification Program 435	TOTAL
Personnel	494,543.27	0.00	0.00	0.00	494,543.27
Office and Other Supplies	2,636.12	0.00	0.00	48.91	2,685.03
Telephone	54.15	0.00	0.00	0.00	54.15
Advertising and Printing	0.00	0.00	0.00	0.00	0.00
Travel	12,662.87	0.00	0.00	3,190.64	15,853.51
Repairs & Maintenance	49,346.82	0.00	0.00	0.00	49,346.82
Equipment	0.00	0.00	0.00	0.00	0.00
Professional Services	30,000.00	0.00	0.00	0.00	30,000.00
Rental	0.00	0.00	0.00	0.00	0.00
Training	95.00	0.00	0.00	520.00	615.00
Utilities	0.00	0.00	0.00	0.00	0.00
Miscellaneous	230.81	0.00	0.00	7,294.62	7,525.43
IPA Expenses	0.00	0.00	0.00	0.00	0.00
Drugs and Biologics	0.00	0.00	0.00	0.00	0.00
Dues and Subscriptions	113.56	0.00	0.00	0.00	113.56
Postage	0.00	0.00	0.00	42.52	42.52
Services Rendered by Other State Dept. and Agencies	69,043.35	0.00	0.00	0.00	69,043.35
Non-State Employee Services on a Fee Basis	0.00	0.00	0.00	0.00	0.00
Insurance	0.00	0.00	0.00	0.00	0.00
Transfers	0.00	0.00	0.00	0.00	0.00
Other Current Expenses	0.00	0.00	0.00	0.00	0.00
Pension Expense	0.00	0.00	0.00	0.00	0.00
Other Post-Employment Benefits Expense	0.00	0.00	0.00	0.00	0.00
Depreciation	59,835.19	0.00	0.00	0.00	59,835.19
TOTAL EXPENSES	\$ 718,561.14	\$ 0.00	\$ 0.00	\$ 11,096.69	\$ 729,657.83

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State of Hawaii		
Drinking Water Treatment Revolving Loan Fund		
SCHEDULE OF 2% SET-ASIDE ACTIVITIES EXPENSES		
Activity from 7/1/2021 - 6/30/2022		
	Activity in Current Period	
	2% Small Systems Technical Assistance 428	TOTAL
Personnel	0.00	0.00
Office and Other Supplies	0.00	0.00
Telephone	0.00	0.00
Advertising and Printing	0.00	0.00
Travel	0.00	0.00
Repairs & Maintenance	0.00	0.00
Equipment	0.00	0.00
Professional Services	171,000.00	171,000.00
Rental	0.00	0.00
Training	0.00	0.00
Utilities	0.00	0.00
Miscellaneous	0.00	0.00
IPA Expenses	0.00	0.00
Drugs and Biologics	0.00	0.00
Dues and Subscriptions	0.00	0.00
Postage	0.00	0.00
Services Rendered by Other State Dept. and Agencies	0.00	0.00
Non-State Employee Services on a Fee Basis	0.00	0.00
Insurance	0.00	0.00
Transfers	0.00	0.00
Other Current Expenses	0.00	0.00
Pension Expense	0.00	0.00
Other Post-Employment Benefits Expense	0.00	0.00
Depreciation	0.00	0.00
TOTAL EXPENSES	\$ 171,000.00	\$ 171,000.00

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State of Hawaii				
Drinking Water Treatment Revolving Loan Fund				
SCHEDULE OF 15% SET-ASIDE ACTIVITIES EXPENSES				
Activity from 7/1/2021 - 6/30/2022				
	Activity in Current Period			
	15% Water Protection Program 429	15% Wellhead Protection Program 436	15% Tech./Financial Assist. to PWSs 437	TOTAL
Personnel	0.00	161,546.02	0.00	161,546.02
Office and Other Supplies	0.00	0.00	0.00	0.00
Telephone	0.00	0.00	0.00	0.00
Advertising and Printing	0.00	0.00	0.00	0.00
Travel	0.00	0.00	0.00	0.00
Repairs & Maintenance	0.00	0.00	0.00	0.00
Equipment	0.00	0.00	0.00	0.00
Professional Services	0.00	896.23	403,859.31	404,755.54
Rental	0.00	0.00	0.00	0.00
Training	0.00	0.00	0.00	0.00
Utilities	0.00	0.00	0.00	0.00
Miscellaneous	0.00	0.00	0.00	0.00
IPA Expenses	0.00	0.00	0.00	0.00
Drugs and Biologics	0.00	0.00	0.00	0.00
Dues and Subscriptions	0.00	0.00	0.00	0.00
Postage	0.00	0.00	0.00	0.00
Services Rendered by Other State Dept. and Agencies	0.00	25,406.93	0.00	25,406.93
Non-State Employee Services on a Fee Basis	0.00	0.00	0.00	0.00
Insurance	0.00	0.00	0.00	0.00
Transfers	0.00	0.00	0.00	0.00
Other Current Expenses	0.00	0.00	0.00	0.00
Pension Expense	0.00	0.00	0.00	0.00
Other Post-Employment Benefits Expense	0.00	0.00	0.00	0.00
Depreciation	0.00	0.00	0.00	0.00
TOTAL EXPENSES	\$ 0.00	\$ 187,849.18	\$ 403,859.31	\$ 591,708.49

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ATTACHMENT 11: SCHEDULE OF ADMINISTRATIVE LOAN FEE EXPENSES

State of Hawaii			
Drinking Water Treatment Revolving Loan Fund			
SCHEDULE OF ADMINISTRATIVE LOAN FEE EXPENSES			
Activity from 7/1/2021 - 6/30/2022			
	Activity in Current Period		
	Loan Fee - Program 425	Loan Fee - Nonprogram 430	TOTAL
Personnel	76,833.29	0.00	76,833.29
Office and Other Supplies	10,226.70	0.00	10,226.70
Telephone	7,587.38	0.00	7,587.38
Advertising and Printing	0.00	0.00	0.00
Travel	15,093.63	0.00	15,093.63
Repairs & Maintenance	7,686.83	0.00	7,686.83
Equipment	4,357.53	0.00	4,357.53
Professional Services	128,301.09	0.00	128,301.09
Rental	2,932.64	0.00	2,932.64
Training	21,732.50	0.00	21,732.50
Utilities	597.13	0.00	597.13
Miscellaneous	31.56	0.00	31.56
IPA Expenses	0.00	0.00	0.00
Drugs and Biologics	0.00	0.00	0.00
Dues and Subscriptions	0.00	0.00	0.00
Postage	1,400.00	0.00	1,400.00
Services Rendered by Other State Dept. and Agencies	49,848.65	0.00	49,848.65
Non-State Employee Services on a Fee Basis	0.00	0.00	0.00
Insurance	0.00	0.00	0.00
Transfers	0.00	0.00	0.00
Other Current Expenses	0.00	0.00	0.00
Pension Expense	209,350.73	0.00	209,350.73
Other Post-Employment Benefits Expense	45,386.95	0.00	45,386.95
Depreciation	27,070.08	0.00	27,070.08
TOTAL EXPENSES	\$ 608,436.69	\$ 0.00	\$ 608,436.69

SFY 2022 DWSRF ANNUAL REPORT

ATTACHMENT 12: LOANS RECEIVABLE

DWSRF - Loans Receivable

Fiscal Year Ending June 30, 2022

Project Number	Project Name	Loan Amount	Federal Loan Receivable as of July 1, 2021	Federal Amount Disbursed July 1, 2021- June 30, 2022	Principal Forgiveness July 1, 2021- June 30, 2022	Federal Principal Repayment July 1, 2021- June 30, 2022	Federal Loans Receivable
	REPORT TOTALS	359,844,211.81	219,832,558.25	22,104,629.40	2,045,686.30	14,431,662.28	227,505,525.37
DW101-0001	*** Saddle Road Well "A"	1,610,048.59	48,036.51	0.00	0.00	48,036.51	0.00
DW101-0003	Piihonua-Kukumu Reservoir	9,429,173.00	6,033,892.36	0.00	0.00	317,153.87	5,716,738.49
DW102-0001	Laupahoehoe 0.5 MG Reservoir	3,872,263.42	2,966,851.02	0.00	0.00	165,375.01	2,801,476.01
DW105-0001	Honomu Well "A"	3,968,080.00	1,375,986.85	0.00	0.00	226,992.42	1,148,994.43
DW106-0001	Kulaimano Production Well	1,239,445.80	773,336.02	0.00	0.00	63,792.37	709,543.65
DW107-0001	*** Kaieie Mauka	2,227,682.96	177,647.50	0.00	0.00	177,647.50	0.00
DW109-0001	*** Pahala Well "B"	2,326,821.30	183,146.90	0.00	0.00	183,146.90	0.00
DW112-0004	Olaa No. 6 Production Well	6,829,188.42	5,102,122.51	0.00	0.00	359,142.65	4,742,979.86
DW129-0001	Halaula Well Development	823,420.00	557,906.08	0.00	0.00	51,142.22	506,763.86
DW129-0002	Kynnersley #1 - 0.3 MG Reservoir	2,178,762.00	736,063.80	0.00	0.00	60,710.90	675,352.90
DW130-0003	Waimea WTP Microfiltration	12,896,000.00	9,985,049.58	0.00	0.00	559,505.08	9,425,544.50
DW130-0004	Waimea WTP Sludge Drying Beds	3,458,753.00	1,699,566.19	0.00	0.00	177,992.74	1,521,573.45
DW133-0001	*** Kukuhaele Well "A"	334,240.00	19,779.26	0.00	0.00	19,779.26	0.00
DW133-0002	Kapulena Well Development	1,000,154.00	490,523.30	0.00	0.00	51,634.02	438,889.28
DW133-0004	Kapulena Well Development Ph. 2	4,298,629.75	3,575,733.60	0.00	0.00	192,538.60	3,383,195.00
DW139-0001	*** Makapala Well	1,292,914.85	88,808.16	0.00	0.00	88,808.16	0.00
DW154-0001	Hakalau Spring Imp.	606,167.00	258,850.18	0.00	0.00	31,664.54	227,183.64
DW161-0002	Ahualoa-Honokaa Transmission WL	3,200,000.00	2,170,420.70	0.00	0.00	135,781.76	2,034,638.94
DW212-0009	Wailuku Well Development	2,000,000.00	1,383,643.60	0.00	0.00	100,183.04	1,283,460.56
DW212-0010	Uluhi Rd. and Ewa Place WLR	850,000.00	140,528.56	0.00	0.00	12,152.57	128,375.99
DW212-0015	Iao Surface WTP Upgrades	21,479,524.55	19,475,483.31	0.00	0.00	1,023,671.70	18,451,811.61
DW212-0018	Wailuku Hts. Tank 30 Booster Replac.	1,804,849.00	1,614,729.56	0.00	0.00	80,629.50	1,534,100.06
DW213-0009	Kaupakaha Rd. WL Imp. Ph. 1	846,047.00	540,323.70	0.00	0.00	42,565.28	497,758.42
DW213-0015	Haliimaile Tank Replac.	674,167.39	505,132.83	0.00	0.00	33,788.88	471,343.95
DW213-0018	Pookela Well B Development	3,004,637.28	0.00	496,071.65	557,800.00	0.00	496,071.65
DW214-0014	West Maui Well Development	4,250,000.00	0.00	0.00	0.00	0.00	0.00
DW215-0003	Waikamoi Flume Repair/Replac.	7,963,427.38	4,949,717.50	0.00	0.00	412,476.46	4,537,241.04
DW215-0004	Olinda WTP - Relining of the 8.5 MG SB	1,283,418.00	104,086.67	0.00	0.00	7,857.13	96,229.54
DW215-0009	Ph. 6 Booster Pump Upgrades	4,000,000.00	1,879,558.70	0.00	0.00	104,781.60	1,774,777.10
DW215-0010	Kula 200 #1 Tank Replac.	749,330.00	550,512.62	0.00	0.00	36,826.53	513,686.09
DW217-0005	Waiuku Well Replacement	2,006,056.25	1,355,674.83	0.00	0.00	114,824.85	1,240,849.98
DW233-0002	Kualapuu MCC Upgrades	500,000.00	424,736.94	0.00	0.00	22,772.20	401,964.74

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DWSRF - Loans Receivable

Fiscal Year Ending June 30, 2022

Project Number	Project Name	Loan Amount	Federal Loan Receivable as of July 1, 2021	Federal Amount Disbursed July 1, 2021- June 30, 2022	Principal Forgiveness July 1, 2021- June 30, 2022	Federal Principal Repayment July 1, 2021- June 30, 2022	Federal Loans Receivable
	REPORT TOTALS	359,844,211.81	219,832,558.25	22,104,629.40	2,045,686.30	14,431,662.28	227,505,525.37
DW247-0004	Piiholo WTP Imp. - OCR	4,283,817.10	2,809,321.04	0.00	0.00	218,346.90	2,590,974.14
DW247-0008	Omaopio 2.1 MG Tank Replac.	4,139,686.00	3,685,439.59	0.00	0.00	191,847.72	3,493,591.87
DW331-0043	* Diamond Head WS Imp., Part II	4,295,885.30	3,552,406.13	108,557.75	0.00	164,169.11	3,496,794.77
DW331-0047	Kalihi WS Imp., Part III	5,042,821.28	3,321,203.09	0.00	0.00	238,429.42	3,082,773.67
DW331-0062	Kam Hwy. 16-in & 8-in Ms (Heeia)	6,253,645.60	3,281,559.57	0.00	0.00	244,902.91	3,036,656.66
DW331-0063	* Kapiolani Blvd. 12-in Main	4,549,585.69	3,259,705.81	0.00	0.00	243,300.06	3,016,405.75
DW331-0068	Energy Savings Performance Contracting	32,881,833.00	28,453,911.89	0.00	0.00	1,450,323.91	27,003,587.98
DW331-0080	Moiilili WS Imp., Part IV	6,007,022.04	6,007,022.04	0.00	0.00	253,016.66	5,754,005.38
DW400-0001	Stable 1.0 MG Tank	7,274,997.83	3,093,291.35	0.00	0.00	383,235.86	2,710,055.49
DW400-0011	PLH-39, Lihue Baseyard Imp.	4,000,000.00	1,399,164.40	0.00	0.00	100,590.36	1,298,574.04
DW404-0001	Rehab., Hanapepe-Ellelele WS	691,134.00	96,497.35	0.00	0.00	38,301.01	58,196.34
DW404-0002	Replace Pipeline at Hanapepe	1,243,976.74	173,079.54	0.00	0.00	68,728.78	104,350.76
DW406-0001	*** Kekaha Well	862,882.74	51,599.80	0.00	0.00	51,599.80	0.00
DW406-0003	Kapilimao 0.5 MG Tank	3,793,779.17	1,821,914.85	0.00	0.00	199,047.24	1,622,867.61
DW406-0005	Kaunualii Hwy. 12-in M Replac.	3,989,537.33	1,774,733.48	0.00	0.00	206,315.81	1,568,417.67
DW408-0002	Poipu Road 16 in Main Replac.	5,158,885.83	1,607,301.86	0.00	0.00	266,842.54	1,340,459.32
DW410-0001	*** Dam. Repairs to Kokolau Tun.	1,663,201.02	48,655.09	0.00	0.00	48,655.09	0.00
DW410-0005	Reh. Lihue Steel Tanks 1 & 2	1,243,017.00	273,069.90	0.00	0.00	67,707.74	205,362.16
DW413-0002	Wailua Homesteads Well No. 3	397,736.50	65,781.59	0.00	0.00	21,823.52	43,958.07
DW413-0005	Ornellas 0.2 MG Tank Ref.	809,398.00	176,211.92	0.00	0.00	43,694.33	132,517.59
DW413-0006	16 in WLR along Kuhio Hwy.	2,305,093.02	613,649.43	0.00	0.00	122,354.03	491,295.40
DW413-0008	Job No. 02-15, WK28, Wailua HL	4,463,084.00	2,352,317.21	0.00	0.00	190,697.30	2,161,619.91
DW434-0003	Waha, Wawae, & Niho Roads M Replac.	1,936,018.00	864,615.52	0.00	0.00	100,501.17	764,114.35
DW434-0012	Kalaheo WS Imp.	13,000,000.00	0.00	0.00	0.00	0.00	0.00
HBWS-0001	Honolulu BWS WS Imp. 1	6,797,455.69	4,805,509.43	0.00	0.00	355,963.66	4,449,545.77
HBWS-0002	Honolulu BWS Loan Refinance 1	26,400,910.01	17,600,606.68	0.00	0.00	1,353,892.82	16,246,713.86
HBWS-0003	Honolulu BWS WS Imp. 2	9,119,367.02	7,852,110.99	0.00	0.00	439,987.40	7,412,123.59
HBWS-PF17	Honolulu BWS Pro-Fi SFY 2017	5,000,000.00	4,085,676.80	0.00	0.00	236,286.94	3,849,389.86
HBWS-PF19	Honolulu BWS Pro-Fi SFY 2019	8,000,000.00	7,262,355.44	0.00	0.00	373,945.55	6,888,409.89
HBWS-PF20	Honolulu BWS Pro-Fi SFY 2020	15,000,000.00	13,162,685.78	0.00	0.00	609,365.92	12,553,319.86
HBWS-PF21	Honolulu BWS Pro-Fi SFY 2021	12,000,000.00	12,000,000.00	0.00	0.00	528,817.31	11,471,182.69
HBWS-PF22	Honolulu BWS Pro-Fi SFY 2022	11,500,000.00	0.00	11,500,000.00	0.00	0.00	11,500,000.00
HDWS-0001	Emergency Well Repairs 1	1,000,000.00	0.00	0.00	0.00	0.00	0.00

SFY 2022 DWSRF ANNUAL REPORT

DWSRF - Loans Receivable

Fiscal Year Ending June 30, 2022

Project Number	Project Name	Loan Amount	Federal Loan Receivable as of July 1, 2021	Federal Amount Disbursed July 1, 2021- June 30, 2022	Principal Forgiveness July 1, 2021- June 30, 2022	Federal Principal Repayment July 1, 2021- June 30, 2022	Federal Loans Receivable
	REPORT TOTALS	359,844,211.81	219,832,558.25	22,104,629.40	2,045,686.30	14,431,662.28	227,505,525.37
HDWS-PF18	Hawaii DWS Pro-Fi SFY 2018	3,089,432.17	2,660,115.09	0.00	0.00	146,221.26	2,513,893.83
HDWS-PF19	Hawaii DWS Pro-Fi SFY 2019	1,853,483.49	1,094,115.53	0.00	0.00	56,339.23	1,037,776.30
HDWS-PF21	Hawaii DWS Pro-Fi SFY 2021	7,000,000.00	7,000,000.00	0.00	0.00	304,038.00	6,695,962.00
HDWS-PF22	Hawaii DWS Pro-Fi SFY 2022	10,000,000.00	0.00	10,000,000.00	0.00	0.00	10,000,000.00
MDWS-0001	Source Generator Installation - 4 Sites	1,200,000.00	1,019,415.37	0.00	0.00	54,666.24	964,749.13
MDWS-0002	Maui DWS WS Imp. 1	4,491,000.30	3,339,665.35	0.00	0.00	154,332.43	3,185,332.92
P-DW156-0004	**** WS Fire Hydrant Replac.	275,000.00	0.00	0.00	0.00	0.00	0.00
P-DW156-0005	**** WS Auto Read Meter Transmitter Replac.	55,770.00	0.00	0.00	0.00	0.00	0.00
P-DW167-0001	**/***** North Easements WL Replac.	1,149,750.00	0.00	0.00	0.00	0.00	0.00
P-DW201-0002	**** Helani WL Replac.	1,000,000.00	0.00	0.00	960,468.93	0.00	0.00
P-DW303-0001	**** Kunia Village Potable WS Upgrades	1,621,805.00	0.00	0.00	527,417.37	0.00	0.00

***Amendments in State Fiscal Year**

Proj No. DW331-0043 From \$4,970,145.00 to \$4,295,885.30

Amendment No. 1 Date: 6/20/2022

Proj No. DW331-0063 From \$5,472,724.00 to \$4,549,585.69

Amendment No. 2 Date: 6/20/2022

****Loan amount changed from the previous fiscal year due to the project moving from commitment letter to final loan agreement**

Proj No. P-DW167-0001 From \$1,300,000.00 to \$1,149,750.00

Final Loan Agreement Date: 4/15/2022

*****Project was Fully Repaid, therefore the Loans Receivable is \$0.00**

******This project is entirely Principal Forgiveness**

SFY 2022 DWSRF ANNUAL REPORT

ATTACHMENT 13: INTEREST TABULATION

State of Hawaii
Drinking Water Treatment Revolving Loan Fund
INTEREST TABULATION
Year ended June 30, 2022

Project Number	Prior Year Accrued Interest Receivable	+	Interest Earnings	-	Interest Payments	=	Interest Accrued Receivable
DW101-0001	137.03		192.92		329.95		0.00
DW102-0001	1,854.28		14,524.95		14,628.31		1,750.92
DW105-0001	2,086.60		5,062.94		5,407.16		1,742.38
DW106-0001	2,860.28		7,336.87		7,572.81		2,624.34
DW107-0001	373.60		972.87		1,346.47		0.00
DW109-0001	385.16		1,004.27		1,389.43		0.00
DW112-0004	7,440.60		24,539.62		25,063.37		6,916.85
DW129-0001	697.38		5,387.92		5,451.84		633.46
DW129-0002	302.49		7,184.76		7,209.70		277.55
DW130-0004	754.33		1,906.66		1,985.66		675.33
DW133-0001	41.60		108.54		150.14		0.00
DW133-0004	5,214.61		17,358.11		17,638.89		4,933.83
DW139-0001	186.76		486.95		673.71		0.00
DW154-0001	334.16		1,515.13		1,556.00		293.29
DW161-0002	2,713.02		21,196.71		21,366.44		2,543.29
DW212-0009	2,881.01		13,378.78		13,587.38		2,672.41
DW212-0010	292.61		1,349.76		1,375.07		267.30
DW212-0018	4,709.63		15,711.56		15,946.73		4,474.46
DW213-0009	1,125.06		5,208.79		5,297.42		1,036.43
DW213-0015	2,297.32		4,812.61		4,966.28		2,143.65
DW213-0018	0.00		1,128.15		0.00		1,128.15
DW215-0004	384.98		992.02		1,021.09		355.91
DW215-0009	2,741.03		9,114.49		9,267.31		2,588.21
DW215-0010	1,146.27		5,336.90		5,413.57		1,069.60
DW217-0005	2,507.07		6,421.42		6,633.77		2,294.72
DW233-0002	1,238.81		4,124.30		4,190.72		1,172.39
DW247-0004	2,924.77		13,547.48		13,774.80		2,697.45
DW247-0008	5,374.60		17,908.51		18,188.29		5,094.82
DW331-0043	11,297.65		40,364.83		39,763.73		11,898.75
DW331-0047	2,092.81		16,160.72		16,310.96		1,942.57
DW331-0062	2,067.83		15,950.41		16,104.73		1,913.51
DW331-0063	2,054.06		15,844.13		15,997.44		1,900.75
DW331-0080	37,607.24		67,040.60		74,319.44		30,328.40
DW400-0001	2,357.68		7,503.60		7,795.70		2,065.58
DW400-0011	287.50		6,849.93		6,870.60		266.83
DW404-0001	434.48		687.51		859.97		262.02
DW404-0002	779.28		1,232.93		1,542.38		469.83
DW406-0001	108.51		283.09		391.60		0.00
DW406-0003	3,480.10		7,061.28		7,441.48		3,099.90
DW406-0005	2,100.50		5,268.65		5,512.83		1,856.32
DW408-0002	1,169.58		2,269.93		2,464.10		975.41
DW410-0001	303.16		27.39		330.55		0.00
DW410-0005	571.28		1,036.05		1,177.70		429.63
DW413-0002	104.13		291.49		326.04		69.58
DW413-0005	263.20		894.03		959.29		197.94
DW413-0006	387.35		855.29		932.51		310.13
DW413-0008	2,448.98		11,325.68		11,524.20		2,250.46
DW434-0003	1,023.32		2,566.80		2,685.75		904.37

SFY 2022 DWSRF ANNUAL REPORT

State of Hawaii
Drinking Water Treatment Revolving Loan Fund

INTEREST TABULATION
Year ended June 30, 2022

Project Number	Prior Year Accrued Interest Receivable	+	Interest Earnings	-	Interest Payments	=	Interest Accrued Receivable
HBWS-PF17	4,255.91		19,888.00		20,134.13		4,009.78
HBWS-PF19	3,782.47		17,728.14		17,922.90		3,587.71
HBWS-PF20	20,566.69		96,630.43		97,582.56		19,614.56
HBWS-PF21	11,276.25		88,172.56		81,525.08		17,923.73
HBWS-PF22	0.00		1,118.05		0.00		1,118.05
HDWS-PF18	1,385.47		6,483.03		6,559.18		1,309.32
HDWS-PF19	569.85		2,670.84		2,700.18		540.51
HDWS-PF21	10,978.07		51,457.43		51,973.06		10,462.44
HDWS-PF22	0.00		1,319.44		0.00		1,319.44
MDWS-0001	2,973.30		9,898.73		10,058.17		2,813.86
MDWS-0002	9,392.81		24,325.32		24,759.38		8,958.75
TOTALS	189,124.52		731,020.30		737,957.95		182,186.87

SFY 2022 DWSRF ANNUAL REPORT

ATTACHMENT 14: ADMINISTRATIVE LOAN FEE TABULATION

State of Hawaii
Drinking Water Treatment Revolving Loan Fund
ADMINISTRATIVE LOAN FEE TABULATION
Year ended June 30, 2022

Project Number	Prior Year Program Accrued Loan Fees Receivable	+	Program Loan Fees Earnings	-	Program Loan Fees Payments	=	Program Loan Fees Accrued Receivable	Prior Year Non-Program Accrued Loan Fees Receivable	+	Non-Program Loan Fees Earnings	-	Non-Program Loan Fees Payments	=	Non-Program Loan Fees Accrued Receivable	Total Loan Fees Accrued Receivable
DW101-0001	0.00		0.00		0.00		0.00	324.18		456.41		780.59		0.00	0.00
DW101-0003	0.00		0.00		0.00		0.00	7,347.36		59,346.57		59,548.01		7,145.92	7,145.92
DW102-0001	0.00		0.00		0.00		0.00	3,708.57		29,049.90		29,256.62		3,501.85	3,501.85
DW105-0001	0.00		0.00		0.00		0.00	16,677.19		40,125.60		42,876.79		13,926.00	13,926.00
DW106-0001	0.00		0.00		0.00		0.00	2,883.99		7,336.22		7,574.12		2,646.09	2,646.09
DW107-0001	0.00		0.00		0.00		0.00	1,198.88		3,129.85		4,328.73		0.00	0.00
DW109-0001	0.00		0.00		0.00		0.00	1,235.99		3,230.87		4,466.86		0.00	0.00
DW112-0004	0.00		0.00		0.00		0.00	14,834.97		49,082.48		50,126.72		13,790.73	13,790.73
DW129-0001	0.00		0.00		0.00		0.00	697.38		5,387.92		5,451.84		633.46	633.46
DW129-0002	0.00		0.00		0.00		0.00	301.67		7,184.40		7,209.29		276.78	276.78
DW130-0003	0.00		0.00		0.00		0.00	12,481.31		97,755.84		98,455.22		11,781.93	11,781.93
DW130-0004	0.00		0.00		0.00		0.00	20,599.02		51,632.71		53,790.01		18,441.72	18,441.72
DW133-0001	0.00		0.00		0.00		0.00	133.48		349.21		482.69		0.00	0.00
DW133-0002	0.00		0.00		0.00		0.00	5,945.22		14,896.67		15,522.48		5,319.41	5,319.41
DW133-0004	0.00		0.00		0.00		0.00	10,396.84		34,717.96		35,277.79		9,837.01	9,837.01
DW139-0001	0.00		0.00		0.00		0.00	599.33		1,566.57		2,165.90		0.00	0.00
DW154-0001	0.00		0.00		0.00		0.00	1,746.89		7,942.09		8,155.79		1,533.19	1,533.19
DW161-0002	0.00		0.00		0.00		0.00	2,713.03		21,196.71		21,366.44		2,543.30	2,543.30
DW212-0009	0.00		0.00		0.00		0.00	2,873.14		13,378.67		13,586.70		2,665.11	2,665.11
DW212-0010	0.00		0.00		0.00		0.00	291.81		1,349.75		1,374.99		266.57	266.57
DW212-0015	0.00		0.00		0.00		0.00	89,307.47		187,507.85		192,202.04		84,613.28	84,613.28
DW212-0018	0.00		0.00		0.00		0.00	4,695.00		15,712.29		15,946.73		4,460.56	4,460.56
DW213-0009	0.00		0.00		0.00		0.00	1,121.98		5,208.75		5,297.13		1,033.60	1,033.60
DW213-0015	0.00		0.00		0.00		0.00	2,316.35		4,812.02		4,966.96		2,161.41	2,161.41
DW213-0018	0.00		0.00		0.00		0.00	0.00		932.12		0.00		932.12	932.12
DW215-0003	0.00		0.00		0.00		0.00	6,187.15		47,950.39		48,465.99		5,671.55	5,671.55
DW215-0004	0.00		0.00		0.00		0.00	388.17		991.95		1,021.25		358.87	358.87
DW215-0009	0.00		0.00		0.00		0.00	5,465.02		18,229.95		18,534.61		5,160.36	5,160.36
DW215-0010	0.00		0.00		0.00		0.00	1,143.14		5,336.85		5,413.32		1,066.67	1,066.67
DW217-0005	0.00		0.00		0.00		0.00	5,055.69		12,841.69		13,269.90		4,627.48	4,627.48
DW233-0002	0.00		0.00		0.00		0.00	1,234.97		4,124.50		4,190.72		1,168.75	1,168.75
DW247-0004	0.00		0.00		0.00		0.00	5,833.56		27,094.72		27,548.12		5,380.16	5,380.16
DW247-0008	0.00		0.00		0.00		0.00	10,715.82		35,818.75		36,376.57		10,158.00	10,158.00

SFY 2022 DWSRF ANNUAL REPORT

State of Hawaii
Drinking Water Treatment Revolving Loan Fund
ADMINISTRATIVE LOAN FEE TABULATION
Year ended June 30, 2022

Project Number	Prior Year Program Accrued Loan Fees Receivable	+	Program Loan Fees Earnings	-	Program Loan Fees Payments	=	Program Loan Fees Accrued Receivable	Prior Year Non-Program Accrued Loan Fees Receivable	+	Non-Program Loan Fees Earnings	-	Non-Program Loan Fees Payments	=	Non-Program Loan Fees Accrued Receivable	Total Loan Fees Accrued Receivable
DW331-0043	0.00		0.00		0.00		0.00	10,007.16		35,321.44		35,114.30		10,214.30	10,214.30
DW331-0047	0.00		0.00		0.00		0.00	4,151.51		32,319.00		32,617.04		3,853.47	3,853.47
DW331-0062	0.00		0.00		0.00		0.00	4,101.95		31,898.31		32,204.44		3,795.82	3,795.82
DW331-0063	0.00		0.00		0.00		0.00	4,074.63		31,685.78		31,989.90		3,770.51	3,770.51
DW331-0068	29,711.54		48,946.72		78,658.26		0.00	76,401.11		226,566.97		202,264.09		100,703.99	100,703.99
DW331-0080	0.00		0.00		0.00		0.00	27,890.73		57,950.88		59,455.84		26,385.77	26,385.77
DW400-0001	0.00		0.00		0.00		0.00	29,230.76		93,799.25		97,420.72		25,609.29	25,609.29
DW400-0011	0.00		0.00		0.00		0.00	573.43		13,699.30		13,740.53		532.20	532.20
DW404-0001	0.00		0.00		0.00		0.00	1,438.13		2,254.87		2,825.68		867.32	867.32
DW404-0002	0.00		0.00		0.00		0.00	2,579.46		4,043.65		5,067.94		1,555.17	1,555.17
DW406-0001	0.00		0.00		0.00		0.00	348.23		910.75		1,258.98		0.00	0.00
DW406-0003	0.00		0.00		0.00		0.00	27,152.57		54,629.72		57,596.18		24,186.11	24,186.11
DW406-0005	0.00		0.00		0.00		0.00	21,510.06		53,502.92		56,003.50		19,009.48	19,009.48
DW408-0002	0.00		0.00		0.00		0.00	23,954.13		46,093.07		50,069.92		19,977.28	19,977.28
DW410-0001	0.00		0.00		0.00		0.00	725.13		65.52		790.65		0.00	0.00
DW410-0005	0.00		0.00		0.00		0.00	4,069.65		7,316.13		8,325.20		3,060.58	3,060.58
DW413-0002	0.00		0.00		0.00		0.00	621.62		1,754.62		1,960.85		415.39	415.39
DW413-0005	0.00		0.00		0.00		0.00	1,462.84		5,009.72		5,372.45		1,100.11	1,100.11
DW413-0006	0.00		0.00		0.00		0.00	7,933.37		17,367.99		18,949.81		6,351.55	6,351.55
DW413-0008	0.00		0.00		0.00		0.00	4,884.59		22,651.13		23,047.11		4,488.61	4,488.61
DW434-0003	0.00		0.00		0.00		0.00	10,479.28		26,065.81		27,283.90		9,261.19	9,261.19
HBWS-0001	0.00		0.00		0.00		0.00	6,006.89		46,720.23		47,165.19		5,561.93	5,561.93
HBWS-0002	0.00		0.00		0.00		0.00	36,547.71		169,809.97		172,621.33		33,736.35	33,736.35
HBWS-0003	0.00		0.00		0.00		0.00	3,218.08		77,243.56		77,423.88		3,037.76	3,037.76
HBWS-PF17	0.00		0.00		0.00		0.00	8,483.92		39,777.60		40,268.25		7,993.27	7,993.27
HBWS-PF19	0.00		0.00		0.00		0.00	15,080.30		70,915.11		71,691.61		14,303.80	14,303.80
HBWS-PF20	14,759.47		69,576.15		70,259.44		14,076.18	12,572.88		59,268.58		59,850.64		11,990.82	26,067.00
HBWS-PF21	12,444.77		85,869.92		81,878.93		16,435.76	5,591.13		38,579.23		36,786.18		7,384.18	23,819.94
HBWS-PF22	0.00		7,484.50		0.00		7,484.50	0.00		2,494.83		0.00		2,494.83	9,979.33
HDWS-PF18	0.00		0.00		0.00		0.00	5,523.74		25,933.11		26,236.74		5,220.11	5,220.11
HDWS-PF19	0.00		0.00		0.00		0.00	2,271.93		10,683.76		10,800.75		2,154.94	2,154.94
HDWS-PF21	582.64		2,187.09		2,769.73		0.00	13,983.39		66,394.38		66,473.59		13,904.18	13,904.18
HDWS-PF22	0.00		0.00		0.00		0.00	0.00		11,209.07		0.00		11,209.07	11,209.07

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State of Hawaii
Drinking Water Treatment Revolving Loan Fund
ADMINISTRATIVE LOAN FEE TABULATION
Year ended June 30, 2022

Project Number	Prior Year Program Accrued Loan Fees Receivable	+	Program Loan Fees Earnings	-	Program Loan Fees Payments	=	Program Loan Fees Accrued Receivable	Prior Year Non-Program Accrued Loan Fees Receivable	+	Non-Program Loan Fees Earnings	-	Non-Program Loan Fees Payments	=	Non-Program Loan Fees Accrued Receivable	Total Loan Fees Accrued Receivable
MDWS-0001	0.00		0.00		0.00		0.00	2,964.06		9,899.23		10,058.17		2,805.12	2,805.12
MDWS-0002	0.00		0.00		0.00		0.00	12,454.56		32,436.95		33,012.51		11,879.00	11,879.00
TOTALS	57,498.42		214,064.38		233,566.36		37,996.44	628,743.50		2,241,950.67		2,250,778.79		619,915.38	657,911.82

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ATTACHMENT 15: SCHEDULE OF ENCUMBRANCES

State of Hawaii
Drinking Water Treatment Revolving Loan Fund
SCHEDULE OF ENCUMBRANCES
Year ended June 30, 2022

Project Number	Project Name	422 Principal	423 Interest	424 Investment Interest	425 Loan Fee Program	427 State Program Management	435 Operator Certification	428 Small Systems Technical Assistance	437 PWSS Technical or Financial Assistance
DW101-0003	Piihonua-Kukuau Reservoir	703,376.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DW130-0003	Waimea WTP Microfiltration	0.00	586,292.08	0.00	0.00	0.00	0.00	0.00	0.00
DW161-0002	Ahualoa-Honokaa Transmission WL	338,890.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DW213-0018	Pookela Well B Development	1,950,765.63	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DW331-0068	Energy Savings Performance Contracting	821,709.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HDWS-0001	Emergency Well Repairs 1	1,000,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
P-DW201-0002	Helani WL Replac.	39,531.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00
P-DW303-0001	Kunia Village Potable WS Upgrades	0.00	0.00	156,064.18	0.00	0.00	0.00	0.00	0.00
Administrative									
	Personnel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Other Expenditures	0.00	0.00	0.00	283,680.51	228.79	218.68	100,000.00	109,000.00
TOTAL		4,854,273.90	586,292.08	156,064.18	283,680.51	228.79	218.68	100,000.00	109,000.00

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ATTACHMENT 16: EPA DRAWDOWNS

Drinking Water Treatment Revolving Loan Fund

Activity from 7/1/1988 through 6/30/2022

All Grants									
Draw Date	Grant Year	Grant Payments	Cumulative Payments	Drawdown Number	Draw Type	Loan Number	Drawdown Amount	Cumulative Drawdown	LOC Balance
Balance from previous years:			182,601,548.00					182,601,548.00	0.00
FY 2018 - 22207									
Prior Activity thru 6/30/1988									
10/1/2018	FY 2018 - 22207	272,675.00	272,675.00				0.00	0.00	272,675.00
10/1/2018	FY 2018 - 22207	134,870.00	407,545.00				0.00	0.00	407,545.00
10/1/2018	FY 2018 - 22207	24,767.50	432,312.50				0.00	0.00	432,312.50
10/1/2018	FY 2018 - 22207	48,750.00	481,062.50				0.00	0.00	481,062.50
1/1/2019	FY 2018 - 22207	272,675.00	753,737.50				0.00	0.00	753,737.50
1/1/2019	FY 2018 - 22207	134,870.00	888,607.50				0.00	0.00	888,607.50
1/1/2019	FY 2018 - 22207	44,767.50	933,375.00				0.00	0.00	933,375.00
1/1/2019	FY 2018 - 22207	48,750.00	982,125.00				0.00	0.00	982,125.00
1/1/2019	FY 2018 - 22207	8,570,160.00	9,552,285.00				0.00	0.00	9,552,285.00
1/4/2019	FY 2018 - 22207	0.00	9,552,285.00	ASAP 1912	10%		4,873.95	4,873.95	9,547,411.05
4/1/2019	FY 2018 - 22207	272,675.00	9,824,960.00				0.00	4,873.95	9,820,086.05
4/1/2019	FY 2018 - 22207	134,870.00	9,959,830.00				0.00	4,873.95	9,954,956.05
4/1/2019	FY 2018 - 22207	24,767.50	9,984,597.50				0.00	4,873.95	9,979,723.55
4/1/2019	FY 2018 - 22207	48,750.00	10,033,347.50				0.00	4,873.95	10,028,473.55
5/14/2019	FY 2018 - 22207	0.00	10,033,347.50	ASAP 1973	Project	DW331-0068	63,781.42	68,655.37	9,964,692.13
5/14/2019	FY 2018 - 22207	0.00	10,033,347.50	ASAP 1973	Project	DW331-0068	1,487,255.00	1,555,910.37	8,477,437.13
5/17/2019	FY 2018 - 22207	0.00	10,033,347.50	ASAP 1977	Project	DW331-0068	420,964.64	1,976,875.01	8,056,472.49
5/21/2019	FY 2018 - 22207	0.00	10,033,347.50	ASAP 1980	10%		2,244.38	1,979,119.39	8,054,228.11
5/21/2019	FY 2018 - 22207	0.00	10,033,347.50	ASAP 1980	Admin		219.20	1,979,338.59	8,054,008.91
5/23/2019	FY 2018 - 22207	0.00	10,033,347.50	ASAP 1983	10%		71,078.55	2,050,417.14	7,982,930.36
5/23/2019	FY 2018 - 22207	0.00	10,033,347.50	ASAP 1984	10%		53,925.21	2,104,342.35	7,929,005.15
5/23/2019	FY 2018 - 22207	0.00	10,033,347.50	ASAP 1984	Admin		8,151.00	2,112,493.35	7,920,854.15
5/28/2019	FY 2018 - 22207	0.00	10,033,347.50	ASAP 1988	10%		90,731.04	2,203,224.39	7,830,123.11
5/28/2019	FY 2018 - 22207	0.00	10,033,347.50	ASAP 1989	10%		9,094.14	2,212,318.53	7,821,028.97
5/28/2019	FY 2018 - 22207	0.00	10,033,347.50	ASAP 1988	Admin		493.14	2,212,811.67	7,820,535.83
5/28/2019	FY 2018 - 22207	0.00	10,033,347.50	ASAP 1989	Admin		319.37	2,213,131.04	7,820,216.46
5/29/2019	FY 2018 - 22207	0.00	10,033,347.50	ASAP 1990	10%		81,000.00	2,294,131.04	7,739,216.46
6/4/2019	FY 2018 - 22207	0.00	10,033,347.50	ASAP 1993	10%		70,748.19	2,364,879.23	7,668,468.27
6/4/2019	FY 2018 - 22207	0.00	10,033,347.50	ASAP 1993	Admin		146,103.09	2,510,982.32	7,522,365.18

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Drinking Water Treatment Revolving Loan Fund

Activity from 7/1/1988 through 6/30/2022

All Grants

Draw Date	Grant Year	Grant Payments	Cumulative Payments	Drawdown Number	Draw Type	Loan Number	Drawdown Amount	Cumulative Drawdown	LOC Balance
6/14/2019	FY 2018 - 22207	0.00	10,033,347.50	ASAP 2002	Project	DW331-0068	927,117.65	3,438,099.97	6,595,247.53
6/21/2019	FY 2018 - 22207	0.00	10,033,347.50	ASAP 2007	10%		71,724.17	3,509,824.14	6,523,523.36
6/21/2019	FY 2018 - 22207	0.00	10,033,347.50	ASAP 2007	Admin		2,996.56	3,512,820.70	6,520,526.80
6/27/2019	FY 2018 - 22207	-165,000.00	9,868,347.50				0.00	3,512,820.70	6,355,526.80
6/27/2019	FY 2018 - 22207	165,000.00	10,033,347.50				0.00	3,512,820.70	6,520,526.80
7/1/2019	FY 2018 - 22207	272,675.00	10,306,022.50				0.00	3,512,820.70	6,793,201.80
7/1/2019	FY 2018 - 22207	134,870.00	10,440,892.50				0.00	3,512,820.70	6,928,071.80
7/1/2019	FY 2018 - 22207	24,767.50	10,465,660.00				0.00	3,512,820.70	6,952,839.30
7/1/2019	FY 2018 - 22207	248,750.00	10,714,410.00				0.00	3,512,820.70	7,201,589.30
8/2/2019	FY 2018 - 22207	0.00	10,714,410.00	ASAP 2027	10%		70,953.44	3,583,774.14	7,130,635.86
8/30/2019	FY 2018 - 22207	0.00	10,714,410.00	ASAP 2046	Project	DW331-0068	518,038.74	4,101,812.88	6,612,597.12
9/6/2019	FY 2018 - 22207	0.00	10,714,410.00	ASAP 2049	Project	DW331-0068	532,235.74	4,634,048.62	6,080,361.38
9/9/2019	FY 2018 - 22207	0.00	10,714,410.00	ASAP 2051	10%		123,748.14	4,757,796.76	5,956,613.24
9/9/2019	FY 2018 - 22207	0.00	10,714,410.00	ASAP 2051	Admin		30,426.62	4,788,223.38	5,926,186.62
10/1/2019	FY 2018 - 22207	0.00	10,714,410.00				0.00	4,788,223.38	5,926,186.62
10/1/2019	FY 2018 - 22207	73,380.00	10,787,790.00				0.00	4,788,223.38	5,999,566.62
10/1/2019	FY 2018 - 22207	24,767.50	10,812,557.50				0.00	4,788,223.38	6,024,334.12
10/1/2019	FY 2018 - 22207	0.00	10,812,557.50				0.00	4,788,223.38	6,024,334.12
10/23/2019	FY 2018 - 22207	0.00	10,812,557.50	ASAP 2081	Project	DW331-0068	153,193.83	4,941,417.21	5,871,140.29
10/28/2019	FY 2018 - 22207	0.00	10,812,557.50	ASAP 2085	10%		89,668.39	5,031,085.60	5,781,471.90
10/28/2019	FY 2018 - 22207	0.00	10,812,557.50	ASAP 2085	15%		112.40	5,031,198.00	5,781,359.50
11/1/2019	FY 2018 - 22207	0.00	10,812,557.50	ASAP 2087	10%		59,696.60	5,090,894.60	5,721,662.90
11/1/2019	FY 2018 - 22207	0.00	10,812,557.50	ASAP 2087	15%		40,505.46	5,131,400.06	5,681,157.44
11/29/2019	FY 2018 - 22207	0.00	10,812,557.50	ASAP 2104	Project	DW331-0068	399,589.50	5,530,989.56	5,281,567.94
12/9/2019	FY 2018 - 22207	0.00	10,812,557.50	ASAP 2108	10%		63,865.11	5,594,854.67	5,217,702.83
12/9/2019	FY 2018 - 22207	0.00	10,812,557.50	ASAP 2108	15%		44,176.27	5,639,030.94	5,173,526.56
12/9/2019	FY 2018 - 22207	0.00	10,812,557.50	ASAP 2108	2%		19,150.00	5,658,180.94	5,154,376.56
12/9/2019	FY 2018 - 22207	0.00	10,812,557.50	ASAP 2108	Admin		1,441.35	5,659,622.29	5,152,935.21
12/20/2019	FY 2018 - 22207	0.00	10,812,557.50	ASAP 2116	Project	DW331-0068	309,749.74	5,969,372.03	4,843,185.47
12/31/2019	FY 2018 - 22207	0.00	10,812,557.50	ASAP 2122	10%		60,206.91	6,029,578.94	4,782,978.56
12/31/2019	FY 2018 - 22207	0.00	10,812,557.50	ASAP 2122	15%		51,024.42	6,080,603.36	4,731,954.14
12/31/2019	FY 2018 - 22207	0.00	10,812,557.50	ASAP 2122	Admin		870.00	6,081,473.36	4,731,084.14
1/1/2020	FY 2018 - 22207	0.00	10,812,557.50				0.00	6,081,473.36	4,731,084.14
1/1/2020	FY 2018 - 22207	73,380.00	10,885,937.50				0.00	6,081,473.36	4,804,464.14

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All Grants

Draw Date	Grant Year	Grant Payments	Cumulative Payments	Drawdown Number	Draw Type	Loan Number	Drawdown Amount	Cumulative Drawdown	LOC Balance
1/1/2020	FY 2018 - 22207	24,767.50	10,910,705.00				0.00	6,081,473.36	4,829,231.64
1/1/2020	FY 2018 - 22207	0.00	10,910,705.00				0.00	6,081,473.36	4,829,231.64
2/4/2020	FY 2018 - 22207	0.00	10,910,705.00	ASAP 2134	10%		68,565.97	6,150,039.33	4,760,665.67
2/4/2020	FY 2018 - 22207	0.00	10,910,705.00	ASAP 2134	15%		32,024.55	6,182,063.88	4,728,641.12
2/4/2020	FY 2018 - 22207	0.00	10,910,705.00	ASAP 2134	Admin		471.51	6,182,535.39	4,728,169.61
2/12/2020	FY 2018 - 22207	0.00	10,910,705.00	ASAP 2138	Project	DW331-0068	765,229.44	6,947,764.83	3,962,940.17
2/14/2020	FY 2018 - 22207	0.00	10,910,705.00	ASAP 2140	15%		5,970.00	6,953,734.83	3,956,970.17
2/26/2020	FY 2018 - 22207	0.00	10,910,705.00	ASAP 2147	Project	DW331-0068	490,177.75	7,443,912.58	3,466,792.42
3/2/2020	FY 2018 - 22207	0.00	10,910,705.00	ASAP 2151	10%		31,285.25	7,475,197.83	3,435,507.17
3/2/2020	FY 2018 - 22207	0.00	10,910,705.00	ASAP 2151	15%		12,088.32	7,487,286.15	3,423,418.85
3/2/2020	FY 2018 - 22207	0.00	10,910,705.00	ASAP 2151	Admin		175,741.07	7,663,027.22	3,247,677.78
3/13/2020	FY 2018 - 22207	0.00	10,910,705.00	ASAP 2158	Project	DW331-0068	200,798.18	7,863,825.40	3,046,879.60
4/1/2020	FY 2018 - 22207	0.00	10,910,705.00				0.00	7,863,825.40	3,046,879.60
4/1/2020	FY 2018 - 22207	73,380.00	10,984,085.00				0.00	7,863,825.40	3,120,259.60
4/1/2020	FY 2018 - 22207	24,767.50	11,008,852.50				0.00	7,863,825.40	3,145,027.10
4/1/2020	FY 2018 - 22207	0.00	11,008,852.50				0.00	7,863,825.40	3,145,027.10
4/2/2020	FY 2018 - 22207	0.00	11,008,852.50	ASAP 2166	10%		6,155.91	7,869,981.31	3,138,871.19
4/2/2020	FY 2018 - 22207	0.00	11,008,852.50	ASAP 2166	15%		29,170.04	7,899,151.35	3,109,701.15
4/2/2020	FY 2018 - 22207	0.00	11,008,852.50	ASAP 2166	2%		40,000.00	7,939,151.35	3,069,701.15
4/7/2020	FY 2018 - 22207	0.00	11,008,852.50	ASAP 2170	15%		45,300.00	7,984,451.35	3,024,401.15
5/5/2020	FY 2018 - 22207	0.00	11,008,852.50	ASAP 2183	Project	DW331-0068	186,410.10	8,170,861.45	2,837,991.05
5/8/2020	FY 2018 - 22207	0.00	11,008,852.50	ASAP 2188	10%		426.19	8,171,287.64	2,837,564.86
5/8/2020	FY 2018 - 22207	0.00	11,008,852.50	ASAP 2188	15%		22,420.70	8,193,708.34	2,815,144.16
5/11/2020	FY 2018 - 22207	0.00	11,008,852.50	ASAP 2190	15%		23,910.00	8,217,618.34	2,791,234.16
6/1/2020	FY 2018 - 22207	0.00	11,008,852.50	ASAP 2202	Project	DW331-0068	260,571.39	8,478,189.73	2,530,662.77
6/2/2020	FY 2018 - 22207	0.00	11,008,852.50	ASAP 2204	15%		24,176.65	8,502,366.38	2,506,486.12
6/17/2020	FY 2018 - 22207	0.00	11,008,852.50	ASAP 2212	Project	DW331-0068	331,282.88	8,833,649.26	2,175,203.24
6/17/2020	FY 2018 - 22207	0.00	11,008,852.50	ASAP 2213	Project	HBWS-PF20	165,000.00	8,998,649.26	2,010,203.24
6/19/2020	FY 2018 - 22207	0.00	11,008,852.50	ASAP 2215	15%		23,410.00	9,022,059.26	1,986,793.24
7/1/2020	FY 2018 - 22207	0.00	11,008,852.50				0.00	9,022,059.26	1,986,793.24
7/1/2020	FY 2018 - 22207	73,380.00	11,082,232.50				0.00	9,022,059.26	2,060,173.24
7/1/2020	FY 2018 - 22207	24,767.50	11,107,000.00				0.00	9,022,059.26	2,084,940.74
7/1/2020	FY 2018 - 22207	0.00	11,107,000.00				0.00	9,022,059.26	2,084,940.74
7/22/2020	FY 2018 - 22207	0.00	11,107,000.00	ASAP 2229	15%		12,105.00	9,034,164.26	2,072,835.74

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All Grants

Draw Date	Grant Year	Grant Payments	Cumulative Payments	Drawdown Number	Draw Type	Loan Number	Drawdown Amount	Cumulative Drawdown	LOC Balance
7/22/2020	FY 2018 - 22207	0.00	11,107,000.00	ASAP 2230	15%		24,176.62	9,058,340.88	2,048,659.12
7/30/2020	FY 2018 - 22207	0.00	11,107,000.00	ASAP 2235	15%		12,088.31	9,070,429.19	2,036,570.81
8/7/2020	FY 2018 - 22207	0.00	11,107,000.00	ASAP 2242	Project	DW331-0068	310,075.56	9,380,504.75	1,726,495.25
9/8/2020	FY 2018 - 22207	0.00	11,107,000.00	ASAP 2256	10%		57,259.23	9,437,763.98	1,669,236.02
9/8/2020	FY 2018 - 22207	0.00	11,107,000.00	ASAP 2256	15%		39,950.51	9,477,714.49	1,629,285.51
9/8/2020	FY 2018 - 22207	0.00	11,107,000.00	ASAP 2256	Admin		27,767.09	9,505,481.58	1,601,518.42
9/10/2020	FY 2018 - 22207	0.00	11,107,000.00	ASAP 2258	Project	DW331-0068	238,956.10	9,744,437.68	1,362,562.32
10/1/2020	FY 2018 - 22207	0.00	11,107,000.00	ASAP 2274	Project	DW331-0068	974,732.34	10,719,170.02	387,829.98
10/13/2020	FY 2018 - 22207	0.00	11,107,000.00	ASAP 2281	15%		28,905.00	10,748,075.02	358,924.98
10/28/2020	FY 2018 - 22207	-186,085.75	10,920,914.25				0.00	10,748,075.02	172,839.23
10/28/2020	FY 2018 - 22207	-79,990.00	10,840,924.25				0.00	10,748,075.02	92,849.23
10/28/2020	FY 2018 - 22207	266,075.75	11,107,000.00				0.00	10,748,075.02	358,924.98
11/2/2020	FY 2018 - 22207	0.00	11,107,000.00	ASAP 2298	2%		20,000.00	10,768,075.02	338,924.98
1/20/2021	FY 2018 - 22207	0.00	11,107,000.00	ASAP 2333	15%		10,400.00	10,778,475.02	328,524.98
2/19/2021	FY 2018 - 22207	0.00	11,107,000.00	ASAP 2350	Project	HDWS-PF21	266,075.75	11,044,550.77	62,449.23
5/4/2021	FY 2018 - 22207	0.00	11,107,000.00	ASAP 2386	10%		134.86	11,044,685.63	62,314.37
5/4/2021	FY 2018 - 22207	0.00	11,107,000.00	ASAP 2386	2%		19,000.00	11,063,685.63	43,314.37
6/8/2021	FY 2018 - 22207	0.00	11,107,000.00	ASAP 2405	10%		3,314.37	11,067,000.00	40,000.00
6/2/2022	FY 2018 - 22207	0.00	11,107,000.00	ASAP 2602	2%		40,000.00	11,107,000.00	0.00

FY 2019 - 23207

Prior Activity thru 6/30/1988

10/1/2019	FY 2019 - 23207	275,100.00	275,100.00				0.00	0.00	275,100.00
10/1/2019	FY 2019 - 23207	195,075.00	470,175.00				0.00	0.00	470,175.00
10/1/2019	FY 2019 - 23207	25,000.00	495,175.00				0.00	0.00	495,175.00
10/1/2019	FY 2019 - 23207	100,000.00	595,175.00				0.00	0.00	595,175.00
1/1/2020	FY 2019 - 23207	275,100.00	870,275.00				0.00	0.00	870,275.00
1/1/2020	FY 2019 - 23207	195,075.00	1,065,350.00				0.00	0.00	1,065,350.00
1/1/2020	FY 2019 - 23207	25,000.00	1,090,350.00				0.00	0.00	1,090,350.00
1/1/2020	FY 2019 - 23207	100,000.00	1,190,350.00				0.00	0.00	1,190,350.00
1/1/2020	FY 2019 - 23207	8,138,000.00	9,328,350.00				0.00	0.00	9,328,350.00
4/1/2020	FY 2019 - 23207	275,100.00	9,603,450.00				0.00	0.00	9,603,450.00
4/1/2020	FY 2019 - 23207	195,075.00	9,798,525.00				0.00	0.00	9,798,525.00
4/1/2020	FY 2019 - 23207	25,000.00	9,823,525.00				0.00	0.00	9,823,525.00
4/1/2020	FY 2019 - 23207	100,000.00	9,923,525.00				0.00	0.00	9,923,525.00

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4/2/2020	FY 2019 - 23207	0.00	9,923,525.00	ASAP 2166	10%		27,745.79	27,745.79	9,895,779.21
5/8/2020	FY 2019 - 23207	0.00	9,923,525.00	ASAP 2188	10%		92,441.67	120,187.46	9,803,337.54
6/2/2020	FY 2019 - 23207	0.00	9,923,525.00	ASAP 2204	10%		82,858.34	203,045.80	9,720,479.20
6/17/2020	FY 2019 - 23207	0.00	9,923,525.00	ASAP 2213	Project	HBWS-PF20	8,138,000.00	8,341,045.80	1,582,479.20
7/1/2020	FY 2019 - 23207	275,100.00	10,198,625.00				0.00	8,341,045.80	1,857,579.20
7/1/2020	FY 2019 - 23207	195,075.00	10,393,700.00				0.00	8,341,045.80	2,052,654.20
7/1/2020	FY 2019 - 23207	25,000.00	10,418,700.00				0.00	8,341,045.80	2,077,654.20
7/1/2020	FY 2019 - 23207	100,000.00	10,518,700.00				0.00	8,341,045.80	2,177,654.20
7/22/2020	FY 2019 - 23207	0.00	10,518,700.00	ASAP 2230	10%		58,651.56	8,399,697.36	2,119,002.64
7/30/2020	FY 2019 - 23207	0.00	10,518,700.00	ASAP 2235	10%		66,087.67	8,465,785.03	2,052,914.97
7/30/2020	FY 2019 - 23207	0.00	10,518,700.00	ASAP 2235	15%		12,088.31	8,477,873.34	2,040,826.66
7/30/2020	FY 2019 - 23207	0.00	10,518,700.00	ASAP 2235	Admin		294,001.14	8,771,874.48	1,746,825.52
9/8/2020	FY 2019 - 23207	0.00	10,518,700.00	ASAP 2256	10%		53,617.74	8,825,492.22	1,693,207.78
9/8/2020	FY 2019 - 23207	0.00	10,518,700.00	ASAP 2256	15%		23,169.45	8,848,661.67	1,670,038.33
10/1/2020	FY 2019 - 23207	0.00	10,518,700.00				0.00	8,848,661.67	1,670,038.33
10/1/2020	FY 2019 - 23207	96,325.00	10,615,025.00				0.00	8,848,661.67	1,766,363.33
10/1/2020	FY 2019 - 23207	25,000.00	10,640,025.00				0.00	8,848,661.67	1,791,363.33
10/1/2020	FY 2019 - 23207	0.00	10,640,025.00				0.00	8,848,661.67	1,791,363.33
10/5/2020	FY 2019 - 23207	0.00	10,640,025.00	ASAP 2277	10%		53,520.84	8,902,182.51	1,737,842.49
10/5/2020	FY 2019 - 23207	0.00	10,640,025.00	ASAP 2277	15%		18,905.17	8,921,087.68	1,718,937.32
10/5/2020	FY 2019 - 23207	0.00	10,640,025.00	ASAP 2277	Admin		52,371.75	8,973,459.43	1,666,565.57
11/2/2020	FY 2019 - 23207	0.00	10,640,025.00	ASAP 2298	10%		98,527.46	9,071,986.89	1,568,038.11
11/2/2020	FY 2019 - 23207	0.00	10,640,025.00	ASAP 2298	15%		50,292.56	9,122,279.45	1,517,745.55
11/2/2020	FY 2019 - 23207	0.00	10,640,025.00	ASAP 2298	2%		19,000.00	9,141,279.45	1,498,745.55
11/2/2020	FY 2019 - 23207	0.00	10,640,025.00	ASAP 2298	Admin		46,452.18	9,187,731.63	1,452,293.37
12/21/2020	FY 2019 - 23207	0.00	10,640,025.00	ASAP 2321	10%		44,197.00	9,231,928.63	1,408,096.37
12/21/2020	FY 2019 - 23207	0.00	10,640,025.00	ASAP 2321	15%		16,242.00	9,248,170.63	1,391,854.37
1/1/2021	FY 2019 - 23207	0.00	10,640,025.00				0.00	9,248,170.63	1,391,854.37
1/1/2021	FY 2019 - 23207	96,325.00	10,736,350.00				0.00	9,248,170.63	1,488,179.37
1/1/2021	FY 2019 - 23207	25,000.00	10,761,350.00				0.00	9,248,170.63	1,513,179.37
1/1/2021	FY 2019 - 23207	0.00	10,761,350.00				0.00	9,248,170.63	1,513,179.37
1/7/2021	FY 2019 - 23207	0.00	10,761,350.00	ASAP 2328	10%		45,873.76	9,294,044.39	1,467,305.61
1/7/2021	FY 2019 - 23207	0.00	10,761,350.00	ASAP 2328	15%		33,089.65	9,327,134.04	1,434,215.96
2/4/2021	FY 2019 - 23207	0.00	10,761,350.00	ASAP 2343	10%		24,723.09	9,351,857.13	1,409,492.87

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2/4/2021	FY 2019 - 23207	0.00	10,761,350.00	ASAP 2343	15%		12,694.82	9,364,551.95	1,396,798.05
3/12/2021	FY 2019 - 23207	0.00	10,761,350.00	ASAP 2360	10%		85,433.08	9,449,985.03	1,311,364.97
3/12/2021	FY 2019 - 23207	0.00	10,761,350.00	ASAP 2360	15%		33,307.48	9,483,292.51	1,278,057.49
4/1/2021	FY 2019 - 23207	0.00	10,761,350.00				0.00	9,483,292.51	1,278,057.49
4/1/2021	FY 2019 - 23207	96,325.00	10,857,675.00				0.00	9,483,292.51	1,374,382.49
4/1/2021	FY 2019 - 23207	25,000.00	10,882,675.00				0.00	9,483,292.51	1,399,382.49
4/1/2021	FY 2019 - 23207	0.00	10,882,675.00				0.00	9,483,292.51	1,399,382.49
4/12/2021	FY 2019 - 23207	0.00	10,882,675.00	ASAP 2373	10%		75,728.34	9,559,020.85	1,323,654.15
4/12/2021	FY 2019 - 23207	0.00	10,882,675.00	ASAP 2373	15%		21,636.66	9,580,657.51	1,302,017.49
5/4/2021	FY 2019 - 23207	0.00	10,882,675.00	ASAP 2386	10%		34,127.27	9,614,784.78	1,267,890.22
5/4/2021	FY 2019 - 23207	0.00	10,882,675.00	ASAP 2386	15%		66,345.00	9,681,129.78	1,201,545.22
6/8/2021	FY 2019 - 23207	0.00	10,882,675.00	ASAP 2405	10%		40,080.27	9,721,210.05	1,161,464.95
6/8/2021	FY 2019 - 23207	0.00	10,882,675.00	ASAP 2405	15%		188,282.28	9,909,492.33	973,182.67
7/1/2021	FY 2019 - 23207	0.00	10,882,675.00				0.00	9,909,492.33	973,182.67
7/1/2021	FY 2019 - 23207	96,325.00	10,979,000.00				0.00	9,909,492.33	1,069,507.67
7/1/2021	FY 2019 - 23207	25,000.00	11,004,000.00				0.00	9,909,492.33	1,094,507.67
7/1/2021	FY 2019 - 23207	0.00	11,004,000.00				0.00	9,909,492.33	1,094,507.67
7/20/2021	FY 2019 - 23207	0.00	11,004,000.00	ASAP 2421	10%		53,126.99	9,962,619.32	1,041,380.68
7/20/2021	FY 2019 - 23207	0.00	11,004,000.00	ASAP 2421	15%		64,724.78	10,027,344.10	976,655.90
8/19/2021	FY 2019 - 23207	0.00	11,004,000.00	ASAP 2435	10%		32,648.14	10,059,992.24	944,007.76
8/19/2021	FY 2019 - 23207	0.00	11,004,000.00	ASAP 2435	15%		69,900.89	10,129,893.13	874,106.87
9/28/2021	FY 2019 - 23207	0.00	11,004,000.00	ASAP 2455	10%		20,127.81	10,150,020.94	853,979.06
9/28/2021	FY 2019 - 23207	0.00	11,004,000.00	ASAP 2455	15%		24,464.68	10,174,485.62	829,514.38
10/6/2021	FY 2019 - 23207	0.00	11,004,000.00	ASAP 2462	10%		79,194.42	10,253,680.04	750,319.96
10/6/2021	FY 2019 - 23207	0.00	11,004,000.00	ASAP 2462	15%		48,362.90	10,302,042.94	701,957.06
10/6/2021	FY 2019 - 23207	0.00	11,004,000.00	ASAP 2462	Admin		7,174.93	10,309,217.87	694,782.13
11/16/2021	FY 2019 - 23207	0.00	11,004,000.00	ASAP 2486	10%		1,004.67	10,310,222.54	693,777.46
11/16/2021	FY 2019 - 23207	0.00	11,004,000.00	ASAP 2486	15%		85,710.20	10,395,932.74	608,067.26
11/30/2021	FY 2019 - 23207	99,000.00	11,103,000.00				0.00	10,395,932.74	707,067.26
12/21/2021	FY 2019 - 23207	0.00	11,103,000.00	ASAP 2508	15%		17,592.95	10,413,525.69	689,474.31
12/21/2021	FY 2019 - 23207	0.00	11,103,000.00	ASAP 2508	2%		47,500.00	10,461,025.69	641,974.31
1/10/2022	FY 2019 - 23207	0.00	11,103,000.00	ASAP 2514	15%		16,696.70	10,477,722.39	625,277.61
2/10/2022	FY 2019 - 23207	0.00	11,103,000.00	ASAP 2534	15%		4,934.16	10,482,656.55	620,343.45
3/7/2022	FY 2019 - 23207	0.00	11,103,000.00	ASAP 2551	10%		10,000.00	10,492,656.55	610,343.45

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3/7/2022	FY 2019 - 23207	0.00	11,103,000.00	ASAP 2551	15%		71,724.00	10,564,380.55	538,619.45
3/25/2022	FY 2019 - 23207	0.00	11,103,000.00	ASAP 2561	15%		24,500.00	10,588,880.55	514,119.45
3/25/2022	FY 2019 - 23207	0.00	11,103,000.00	ASAP 2561	2%		13,500.00	10,602,380.55	500,619.45
5/13/2022	FY 2019 - 23207	0.00	11,103,000.00	ASAP 2588	15%		30,024.00	10,632,404.55	470,595.45
6/2/2022	FY 2019 - 23207	0.00	11,103,000.00	ASAP 2602	2%		40,000.00	10,672,404.55	430,595.45
6/22/2022	FY 2019 - 23207	0.00	11,103,000.00	ASAP 2613	Project	HBWS-PF22	99,000.00	10,771,404.55	331,595.45
6/29/2022	FY 2019 - 23207	-128,740.00	10,974,260.00				0.00	10,771,404.55	202,855.45
6/29/2022	FY 2019 - 23207	-80,000.00	10,894,260.00				0.00	10,771,404.55	122,855.45
6/29/2022	FY 2019 - 23207	208,740.00	11,103,000.00				0.00	10,771,404.55	331,595.45
FY 2020 - 24207									
Prior Activity thru 6/30/1988									
10/1/2020	FY 2020 - 24207	1,101,100.00	1,101,100.00				0.00	0.00	1,101,100.00
10/1/2020	FY 2020 - 24207	1,019,500.00	2,120,600.00				0.00	0.00	2,120,600.00
10/1/2020	FY 2020 - 24207	220,220.00	2,340,820.00				0.00	0.00	2,340,820.00
10/1/2020	FY 2020 - 24207	440,440.00	2,781,260.00				0.00	0.00	2,781,260.00
10/1/2020	FY 2020 - 24207	8,229,740.00	11,011,000.00				0.00	0.00	11,011,000.00
5/19/2021	FY 2020 - 24207	0.00	11,011,000.00	ASAP 2395	Project	HBWS-PF21	8,229,740.00	8,229,740.00	2,781,260.00
9/28/2021	FY 2020 - 24207	0.00	11,011,000.00	ASAP 2455	10%		23,226.54	8,252,966.54	2,758,033.46
9/28/2021	FY 2020 - 24207	0.00	11,011,000.00	ASAP 2455	15%		89,160.90	8,342,127.44	2,668,872.56
9/28/2021	FY 2020 - 24207	0.00	11,011,000.00	ASAP 2455	Admin		25,016.16	8,367,143.60	2,643,856.40
10/6/2021	FY 2020 - 24207	0.00	11,011,000.00	ASAP 2462	10%		43,200.85	8,410,344.45	2,600,655.55
10/6/2021	FY 2020 - 24207	0.00	11,011,000.00	ASAP 2462	Admin		50,432.09	8,460,776.54	2,550,223.46
11/16/2021	FY 2020 - 24207	0.00	11,011,000.00	ASAP 2486	10%		60,217.05	8,520,993.59	2,490,006.41
11/16/2021	FY 2020 - 24207	0.00	11,011,000.00	ASAP 2486	15%		60,823.29	8,581,816.88	2,429,183.12
11/16/2021	FY 2020 - 24207	0.00	11,011,000.00	ASAP 2486	Admin		50,059.89	8,631,876.77	2,379,123.23
12/21/2021	FY 2020 - 24207	0.00	11,011,000.00	ASAP 2508	10%		43,397.46	8,675,274.23	2,335,725.77
12/21/2021	FY 2020 - 24207	0.00	11,011,000.00	ASAP 2508	Admin		50,515.89	8,725,790.12	2,285,209.88
1/10/2022	FY 2020 - 24207	0.00	11,011,000.00	ASAP 2514	10%		44,811.32	8,770,601.44	2,240,398.56
1/10/2022	FY 2020 - 24207	0.00	11,011,000.00	ASAP 2514	Admin		50,571.35	8,821,172.79	2,189,827.21
2/10/2022	FY 2020 - 24207	0.00	11,011,000.00	ASAP 2534	10%		45,314.16	8,866,486.95	2,144,513.05
2/10/2022	FY 2020 - 24207	0.00	11,011,000.00	ASAP 2534	15%		3,414.19	8,869,901.14	2,141,098.86
2/10/2022	FY 2020 - 24207	0.00	11,011,000.00	ASAP 2534	2%		10,000.00	8,879,901.14	2,131,098.86
2/10/2022	FY 2020 - 24207	0.00	11,011,000.00	ASAP 2534	Admin		41,344.61	8,921,245.75	2,089,754.25
3/7/2022	FY 2020 - 24207	0.00	11,011,000.00	ASAP 2551	10%		84,088.33	9,005,334.08	2,005,665.92

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3/7/2022	FY 2020 - 24207	0.00	11,011,000.00	ASAP 2551	15%		222,840.55	9,228,174.63	1,782,825.37
3/7/2022	FY 2020 - 24207	0.00	11,011,000.00	ASAP 2551	Admin		50,572.87	9,278,747.50	1,732,252.50
3/25/2022	FY 2020 - 24207	0.00	11,011,000.00	ASAP 2561	10%		98,370.10	9,377,117.60	1,633,882.40
3/25/2022	FY 2020 - 24207	0.00	11,011,000.00	ASAP 2561	15%		16,546.41	9,393,664.01	1,617,335.99
3/25/2022	FY 2020 - 24207	0.00	11,011,000.00	ASAP 2561	Admin		41,396.83	9,435,060.84	1,575,939.16
5/13/2022	FY 2020 - 24207	0.00	11,011,000.00	ASAP 2588	10%		48,979.68	9,484,040.52	1,526,959.48
5/13/2022	FY 2020 - 24207	0.00	11,011,000.00	ASAP 2588	15%		12,371.63	9,496,412.15	1,514,587.85
5/13/2022	FY 2020 - 24207	0.00	11,011,000.00	ASAP 2588	Admin		23,414.94	9,519,827.09	1,491,172.91
5/26/2022	FY 2020 - 24207	0.00	11,011,000.00	ASAP 2597	10%		34,030.92	9,553,858.01	1,457,141.99
5/26/2022	FY 2020 - 24207	0.00	11,011,000.00	ASAP 2597	15%		8,317.61	9,562,175.62	1,448,824.38
6/29/2022	FY 2020 - 24207	-285,000.00	10,726,000.00				0.00	9,562,175.62	1,163,824.38
6/29/2022	FY 2020 - 24207	-210,220.00	10,515,780.00				0.00	9,562,175.62	953,604.38
6/29/2022	FY 2020 - 24207	495,220.00	11,011,000.00				0.00	9,562,175.62	1,448,824.38
FY 2021 - 25207									
Prior Activity thru 6/30/1988									
10/1/2021	FY 2021 - 25207	275,025.00	275,025.00				0.00	0.00	275,025.00
10/1/2021	FY 2021 - 25207	135,875.00	410,900.00				0.00	0.00	410,900.00
10/1/2021	FY 2021 - 25207	27,502.50	438,402.50				0.00	0.00	438,402.50
10/1/2021	FY 2021 - 25207	111,725.00	550,127.50				0.00	0.00	550,127.50
1/1/2022	FY 2021 - 25207	275,025.00	825,152.50				0.00	0.00	825,152.50
1/1/2022	FY 2021 - 25207	135,875.00	961,027.50				0.00	0.00	961,027.50
1/1/2022	FY 2021 - 25207	27,502.50	988,530.00				0.00	0.00	988,530.00
1/1/2022	FY 2021 - 25207	111,725.00	1,100,255.00				0.00	0.00	1,100,255.00
1/1/2022	FY 2021 - 25207	8,490,480.00	9,590,735.00				0.00	0.00	9,590,735.00
4/1/2022	FY 2021 - 25207	275,025.00	9,865,760.00				0.00	0.00	9,865,760.00
4/1/2022	FY 2021 - 25207	135,875.00	10,001,635.00				0.00	0.00	10,001,635.00
4/1/2022	FY 2021 - 25207	27,502.50	10,029,137.50				0.00	0.00	10,029,137.50
4/1/2022	FY 2021 - 25207	111,725.00	10,140,862.50				0.00	0.00	10,140,862.50
6/22/2022	FY 2021 - 25207	0.00	10,140,862.50	ASAP 2613	Project	HBWS-PF22	8,490,480.00	8,490,480.00	1,650,382.50
6/30/2022	FY 2021 - 25207	-743,500.00	9,397,362.50				0.00	8,490,480.00	906,882.50
6/30/2022	FY 2021 - 25207	-120,020.00	9,277,342.50				0.00	8,490,480.00	786,862.50
6/30/2022	FY 2021 - 25207	863,520.00	10,140,862.50				0.00	8,490,480.00	1,650,382.50
7/1/2022	FY 2021 - 25207	275,025.00	10,415,887.50				0.00	8,490,480.00	1,925,407.50
7/1/2022	FY 2021 - 25207	135,875.00	10,551,762.50				0.00	8,490,480.00	2,061,282.50

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7/1/2022	FY 2021 - 25207	27,502.50	10,579,265.00				0.00	8,490,480.00	2,088,785.00
7/1/2022	FY 2021 - 25207	111,725.00	10,690,990.00				0.00	8,490,480.00	2,200,510.00
10/1/2022	FY 2021 - 25207	50,000.00	10,740,990.00				0.00	8,490,480.00	2,250,510.00
10/1/2022	FY 2021 - 25207	27,502.50	10,768,492.50				0.00	8,490,480.00	2,278,012.50
1/1/2023	FY 2021 - 25207	50,000.00	10,818,492.50				0.00	8,490,480.00	2,328,012.50
1/1/2023	FY 2021 - 25207	27,502.50	10,845,995.00				0.00	8,490,480.00	2,355,515.00
4/1/2023	FY 2021 - 25207	50,000.00	10,895,995.00				0.00	8,490,480.00	2,405,515.00
4/1/2023	FY 2021 - 25207	27,502.50	10,923,497.50				0.00	8,490,480.00	2,433,017.50
7/1/2023	FY 2021 - 25207	50,000.00	10,973,497.50				0.00	8,490,480.00	2,483,017.50
7/1/2023	FY 2021 - 25207	27,502.50	11,001,000.00				0.00	8,490,480.00	2,510,520.00
Activity in Period		226,823,548.00					222,532,608.17		

SFY 2022 DWSRF ANNUAL REPORT

ATTACHMENT 17: STATE MATCH DRAWS

State of Hawaii Drinking Water Treatment Revolving Loan Fund

STATE MATCH DRAWS

June 30, 2022

STATE MATCH FUNDS AVAILABLE

		State Funds Deposited	Cap Grant Year	Cumulative State Funds Available	State Payments	Project Number DW:	State Funds Available
Balance from previous years:				\$43,069,000.00	\$40,942,510.00		\$2,126,490.00
FY 2021							
Q1	OCT			\$43,069,000.00			\$2,126,490.00
	NOV			\$43,069,000.00			\$2,126,490.00
	DEC			\$43,069,000.00			\$2,126,490.00
Q2	JAN'21			\$43,069,000.00			\$2,126,490.00
				\$43,069,000.00			\$2,126,490.00
	FEB			\$43,069,000.00			\$2,126,490.00
	MAR			\$43,069,000.00			\$2,126,490.00
				\$43,069,000.00			\$2,126,490.00
Q3	APR	\$2,202,200.00	'20	\$45,271,200.00			\$4,328,690.00
		\$18,800.00	'21	\$45,290,000.00			\$4,347,490.00
	MAY			\$45,290,000.00	\$2,202,200.00	HBWS-PF21	\$2,145,290.00
	JUN			\$45,290,000.00			\$2,145,290.00
Q4	JUL			\$45,290,000.00			\$2,145,290.00
	AUG			\$45,290,000.00			\$2,145,290.00
	SEPT			\$45,290,000.00			\$2,145,290.00
FY 2022							
Q1	OCT			\$45,290,000.00			\$2,145,290.00
	NOV			\$45,290,000.00			\$2,145,290.00
	DEC	\$2,200,200.00	'21	\$47,490,200.00			\$4,345,490.00
		\$1,800.00	'21	\$47,492,000.00			\$4,347,290.00
Q2	JAN'22			\$47,492,000.00			\$4,347,290.00
	FEB			\$47,492,000.00			\$4,347,290.00
	MAR			\$47,492,000.00			\$4,347,290.00
Q3	APR			\$47,492,000.00			\$4,347,290.00
	MAY			\$47,492,000.00			\$4,347,290.00
	JUN			\$47,492,000.00	\$2,200,200.00	HDWS-PF22	\$2,147,090.00
				\$47,492,000.00	\$19,800.00	HDWS-PF22	\$2,127,290.00
Q4	JUL			\$47,492,000.00			\$2,127,290.00
	AUG			\$47,492,000.00			\$2,127,290.00
	SEPT			\$47,492,000.00			\$2,127,290.00
Total		\$47,492,000.00			\$45,364,710.00		\$2,127,290.00

SFY 2022 DWSRF ANNUAL REPORT

ATTACHMENT 18: PROPORTIONALITY OF STATE MATCH DISBURSEMENT TO THE EPA DRAWS

State of Hawaii
Drinking Water Treatment Revolving Loan Fund

PROPORTIONALITY OF STATE MATCH DISBURSEMENT TO THE EPA DRAWS

June 30, 2022

		Cap Grant Year	EPA Drawdowns		State Match Payments	Project Number DW:	Cumulative EPA Drawdowns	Cumulative State Match Payments	% of State Contribution	
		=====	=====		=====	=====	=====	=====	=====	
Balance from previous		\$	211,807,780.33		\$	43,144,710.00		\$211,807,780.33	\$43,144,710.00	20%
Q4	JUL	19	\$	53,126.99	10%		\$211,860,907.32	\$43,144,710.00	20%	
		19	\$	64,724.78	15%		\$211,925,632.10	\$43,144,710.00	20%	
	AUG	19	\$	32,648.14	10%		\$211,958,280.24	\$43,144,710.00	20%	
		19	\$	69,900.89	15%		\$212,028,181.13	\$43,144,710.00	20%	
	SEP	19	\$	20,127.81	10%		\$212,048,308.94	\$43,144,710.00	20%	
		19	\$	24,464.68	15%		\$212,072,773.62	\$43,144,710.00	20%	
		20	\$	23,226.54	10%		\$212,096,000.16	\$43,144,710.00	20%	
		20	\$	89,160.90	15%		\$212,185,161.06	\$43,144,710.00	20%	
		20	\$	25,016.16	4%		\$212,210,177.22	\$43,144,710.00	20%	
							\$212,210,177.22	\$43,144,710.00	20%	
FY 2022						\$212,210,177.22	\$43,144,710.00	20%		
Q1	OCT	19	\$	79,194.42	10%		\$212,289,371.64	\$43,144,710.00	20%	
		19	\$	48,362.90	15%		\$212,337,734.54	\$43,144,710.00	20%	
		19	\$	7,174.93	4%		\$212,344,909.47	\$43,144,710.00	20%	
		20	\$	43,200.85	10%		\$212,388,110.32	\$43,144,710.00	20%	
	NOV	20	\$	50,432.09	4%		\$212,438,542.41	\$43,144,710.00	20%	
		19	\$	1,004.67	10%		\$212,439,547.08	\$43,144,710.00	20%	
		19	\$	85,710.20	15%		\$212,525,257.28	\$43,144,710.00	20%	
		20	\$	60,217.05	10%		\$212,585,474.33	\$43,144,710.00	20%	
	DEC	20	\$	60,823.29	15%		\$212,646,297.62	\$43,144,710.00	20%	
		20	\$	50,059.89	4%		\$212,696,357.51	\$43,144,710.00	20%	
Q2	JAN 22	19	\$	17,592.95	15%		\$212,713,950.46	\$43,144,710.00	20%	
		19	\$	47,500.00	2%		\$212,761,450.46	\$43,144,710.00	20%	
		20	\$	43,397.46	10%		\$212,804,847.92	\$43,144,710.00	20%	
		20	\$	50,515.89	4%		\$212,855,363.81	\$43,144,710.00	20%	
	FEB						\$212,855,363.81	\$43,144,710.00	20%	
		19	\$	16,696.70	15%		\$212,872,060.51	\$43,144,710.00	20%	
		20	\$	44,811.32	10%		\$212,916,871.83	\$43,144,710.00	20%	
		20	\$	50,571.35	4%		\$212,967,443.18	\$43,144,710.00	20%	
	MAR	19	\$	4,934.16	15%		\$212,972,377.34	\$43,144,710.00	20%	
		20	\$	45,314.16	10%		\$213,017,691.50	\$43,144,710.00	20%	
Q3	APR	20	\$	3,414.19	15%		\$213,021,105.69	\$43,144,710.00	20%	
		20	\$	10,000.00	2%		\$213,031,105.69	\$43,144,710.00	20%	
		20	\$	41,344.61	4%		\$213,072,450.30	\$43,144,710.00	20%	
		19	\$	10,000.00	10%		\$213,082,450.30	\$43,144,710.00	20%	
	MAY	19	\$	71,724.00	15%		\$213,154,174.30	\$43,144,710.00	20%	
		20	\$	84,088.33	10%		\$213,238,262.63	\$43,144,710.00	20%	
		20	\$	222,840.55	15%		\$213,461,103.18	\$43,144,710.00	20%	
		20	\$	50,572.87	4%		\$213,511,676.05	\$43,144,710.00	20%	
	JUN	19	\$	24,500.00	15%		\$213,536,176.05	\$43,144,710.00	20%	
		19	\$	13,500.00	2%		\$213,549,676.05	\$43,144,710.00	20%	
Q4	JULY	20	\$	98,370.10	10%		\$213,648,046.15	\$43,144,710.00	20%	
		20	\$	16,546.41	15%		\$213,664,592.56	\$43,144,710.00	20%	
		20	\$	41,396.83	4%		\$213,705,989.39	\$43,144,710.00	20%	
							\$213,705,989.39	\$43,144,710.00	20%	
	AUG						\$213,705,989.39	\$43,144,710.00	20%	
		19	\$	30,024.00	15%		\$213,736,013.39	\$43,144,710.00	20%	
		20	\$	48,979.68	10%		\$213,784,993.07	\$43,144,710.00	20%	
		20	\$	12,371.63	15%		\$213,797,364.70	\$43,144,710.00	20%	
	SEPT	20	\$	23,414.94	4%		\$213,820,779.64	\$43,144,710.00	20%	
		20	\$	34,030.92	10%		\$213,854,810.56	\$43,144,710.00	20%	
	OCT	20	\$	8,317.61	15%		\$213,863,128.17	\$43,144,710.00	20%	
		18	\$	40,000.00	2%	\$2,200,200.00	HDWS-PF22	\$213,903,128.17	\$45,344,910.00	21%
		19	\$	40,000.00	2%	\$19,800.00	HDWS-PF22	\$213,943,128.17	\$45,364,710.00	21%
		19	\$	99,000.00				\$214,042,128.17	\$45,364,710.00	21%
	NOV	21	\$	8,490,480.00	HBWS-PF22			\$222,532,608.17	\$45,364,710.00	20%
					HBWS-PF22			\$222,532,608.17	\$45,364,710.00	20%
								\$222,532,608.17	\$45,364,710.00	20%
								\$222,532,608.17	\$45,364,710.00	20%
	DEC							\$222,532,608.17	\$45,364,710.00	20%
								\$222,532,608.17	\$45,364,710.00	20%
-----		\$	222,532,608.17	-----	\$	45,364,710.00	-----			

SFY 2022 DWSRF ANNUAL REPORT

ATTACHMENT 19: BINDING LOAN COMMITMENT

HAWAII		(SRF Grants 1997 - 2022)									Project number(s) of Actual
		Grant ACH Payment		Required BCs *	Cumulative Required BCs	Actual BCs	Cumulative Actual BCs	Banked Amount			Binding Notes/Comments
Balance from previous years:					199,824,824.20		389,136,512.82	189,311,688.62			
FY 2021					199,824,824.20		389,136,512.82	189,311,688.62			
Q1	OCT'2020	266,075.75 '18		0.00	199,824,824.20	5,738,561.53	394,875,074.35	195,050,250.15	DW213-0018 (Final Date)	decrease from commitment notice & HDWS-PF21 (Final date)	
					199,824,824.20		394,875,074.35	195,050,250.15	DW213-0018=(\$995,362.72), HD WS-PF21=	\$6,733,924.25	
	NOV'2020	0.00		0.00	199,824,824.20	266,075.75	395,141,150.10	195,316,325.90	HDWS-PF21 (Final Date)		
	DEC'2020	0.00		0.00	199,824,824.20	0.00	395,141,150.10	195,316,325.90			
Q2	JAN'2021	8,229,740.00 '20		10,277,687.32 '19	199,824,824.20	0.00	395,141,150.10	195,316,325.90			
	FEB'2021	0.00		0.00	210,102,511.52	(142,465.95)	394,998,684.15	184,896,172.63	DW133-0004 (Contract modification date) - decrease from final,		
					210,102,511.52		394,998,684.15	184,896,172.63	DW247-0008 (Contract modification date) - decrease from contract mod and		
					210,102,511.52		394,998,684.15	184,896,172.63	MD WS-0002 (Contract modification date) - decrease from final		
					210,102,511.52		394,998,684.15	184,896,172.63	DW133-0004=(\$90,152.25), DW247-0008=(\$43,314.00), MDWS-0002=(\$8,999.70)		
	MAR'2021	0.00		0.00	210,102,511.52	(2,533,581.01)	392,465,103.14	182,362,591.62	HBWS-0003 (decrease from final)		
Q3	APR'2021	0.00		0.00	210,102,511.52	0.00	392,465,103.14	182,362,591.62			
	MAY'2021	0.00		0.00	210,102,511.52	(602,074.96)	391,863,028.18	181,760,516.66	DW331-0080 (Contract modification date) - decrease from final		
	JUN'2021	0.00		0.00	210,102,511.52	(372,770.00)	391,490,258.18	181,387,746.66	P-DW156-0001 (Commitment Notice expired), P-DW156-0004 (Commitment Notice expired),		
					210,102,511.52		391,490,258.18	181,387,746.66	P-DW156-0005 (Commitment Notice expired)		
Q4	JUL'2021	0.00		0.00	210,102,511.52	1,000,000.00	392,490,258.18	182,387,746.66	P-DW156-0001=(\$75,000.00), P-DW156-0004=(\$242,0000.00), P-DW156-0005=(\$55,77.00)		
	AUG'2021	99,000.00 '19		0.00	210,102,511.52	0.00	392,490,258.18	182,387,746.66	HDWS-0001 (Final date)		
	SEPT'2021	0.00		0.00	210,102,511.52	10,809,480.00	403,299,738.18	193,197,226.66	HDWS-PF22 (Final date), HBWS-PF22 (Final date)		
					210,102,511.52		403,299,738.18	193,197,226.66	HDWS-PF22=(\$2,220,000.00), HBWS-PF22=(\$8,589,480.00)		
					210,102,511.52	11,990,520.00	415,290,258.18	205,187,746.66	HDWS-PF22 (Final date), HBWS-PF22 (Final date), P-DW167-0001 (Commitment Notice date)		
									HDWS-PF22=(\$7,780,000.00), HBWS-PF22=(\$2,910,520.00), P-DW167-0001= (\$1,300,000.00)		
*126.1859% of 4 quarters ago FY97 cap grant					123.1937% of 4 quarters ago FY12 cap grant						
124.4683% of 4 quarters ago FY98 cap grant					121.1291% of 4 quarters ago FY13 cap grant						
125.1372% of 4 quarters ago FY99 cap grant					123.3171% of 4 quarters ago FY14 cap grant						
123.9708% of 4 quarters ago FY00 cap grant					124.3307% of 4 quarters ago FY15 cap grant						
123.8095% of 4 quarters ago FY01 cap grant					126.8780% of 4 quarters ago FY16 cap grant						
123.8095% of 4 quarters ago FY02 cap grant					127.7655% of 4 quarters ago FY17 cap grant						
125.1674% of 4 quarters ago FY03 cap grant					125.4306% of 4 quarters ago FY18 cap grant						
127.0270% of 4 quarters ago FY04 cap grant					127.0435% of 4 quarters ago FY19 cap grant						
122.2297% of 4 quarters ago FY05 cap grant					126.7590% of 4 quarters ago FY20 cap grant						
122.2222% of 4 quarters ago FY06 cap grant					124.1379% of 4 quarters ago FY21 cap grant						
122.2222% of 4 quarters ago FY07 cap grant											
123.2868% of 4 quarters ago FY08 cap grant											
121.2470% of 4 quarters ago FY09 cap grant											
122.4845% of 4 quarters ago FY10 cap grant											
127.6074% of 4 quarters ago FY11 cap grant											

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HAWAII		(SRF Grants 1997 - 2022)									Project number(s) of Actual
		Grant ACH Payment	Required BCs *	Cumulative Required BCs	Actual BCs	Cumulative Actual BCs	Banked Amount				Binding Notes/Comments
FY 2022				210,102,511.52		415,290,258.18	205,187,746.66				
Q1	OCT'2021	0.00	331,740.14 '18	210,434,251.66	0.00	415,290,258.18	204,856,006.52				
	NOV'2021	0.00	0.00	210,434,251.66	1,000,000.00	416,290,258.18	205,856,006.52			P-DW201-0002 (Final date)	
	DEC'2021	0.00	0.00	210,434,251.66	0.00	416,290,258.18	205,856,006.52				
Q2	JAN'2022	8,490,480.00 '21	10,306,945.33 '20	220,741,196.99	0.00	416,290,258.18	195,549,061.19				
	FEB'2022	0.00	0.00	220,741,196.99	275,000.00	416,565,258.18	195,824,061.19			P-DW156-0004 (Final date)	
	MAR'2022	0.00	0.00	220,741,196.99	0.00	416,565,258.18	195,824,061.19				
Q3	APR'2022	0.00	0.00	220,741,196.99	9,905,520.00	426,470,778.18	205,729,581.19			P-DW167-0001 (Final date) decrease from Commitment notice, P-DW156-0005 (Final date)	
				220,741,196.99		426,470,778.18	205,729,581.19			DW434-0012 (Commitment Notice date)	
				220,741,196.99		426,470,778.18	205,729,581.19			P-DW167-0001=(-(\$150,250.00), P-DW156-0005=(\$55,770.00), DW434-0012=(\$10,000,000.00)	
	MAY'2022	0.00	0.00	220,741,196.99	0.00	426,470,778.18	205,729,581.19				
	JUN'2022	208,740.00 '19	0.00	220,741,196.99	1,402,601.99	427,873,380.17	207,132,183.18			DW434-0012 (Commitment Notice) increase from commitment	
		495,220.00 '20	0.00	220,741,196.99		427,873,380.17	207,132,183.18			DW331-0043 (Contract modification date) decrease from final	
		863,520.00 '21	0.00	220,741,196.99		427,873,380.17	207,132,183.18			DW331-0063 (Contract modification date) decrease from final	
				220,741,196.99		427,873,380.17	207,132,183.18			DW434-0012=(\$3,000,000.00), DW331-0043=(-\$674,259.70), DW331-0063=(-\$923,138.31)	
Q4	JUL'2022	0.00	0.00	220,741,196.99	0.00	427,873,380.17	207,132,183.18				
	AUG'2022	0.00	125,029.62 '19	220,866,226.61	0.00	427,873,380.17	207,007,153.56				
	SEPT'2022	0.00	0.00	220,866,226.61	0.00	427,873,380.17	207,007,153.56				
FY 2023				220,866,226.61		427,873,380.17	207,007,153.56				
Q1	OCT'2022	0.00	0.00	220,866,226.61	0.00	427,873,380.17	207,007,153.56				
	NOV'2022	0.00	0.00	220,866,226.61	0.00	427,873,380.17	207,007,153.56				
	DEC'2022	0.00	0.00	220,866,226.61	0.00	427,873,380.17	207,007,153.56				
Q2	JAN'2023	0.00	10,487,567.25 '21	231,353,793.86	0.00	427,873,380.17	196,519,586.31				
	FEB'2023	0.00	0.00	231,353,793.86	0.00	427,873,380.17	196,519,586.31				
	MAR'2023	0.00	0.00	231,353,793.86	0.00	427,873,380.17	196,519,586.31				
Q3	APR'2023	0.00	0.00	231,353,793.86	0.00	427,873,380.17	196,519,586.31				
	MAY'2023	0.00	0.00	231,353,793.86	0.00	427,873,380.17	196,519,586.31				
	JUN'2023	0.00	263,623.06 '19	231,617,416.92	0.00	427,873,380.17	196,255,963.25				
		0.00	620,214.67 '20	232,237,631.59		427,873,380.17	195,635,748.58				
		0.00	1,066,632.75 '21	233,304,264.34		427,873,380.17	194,569,115.83				
				233,304,264.34		427,873,380.17	194,569,115.83				
Q4	JUL'2023	0.00	0.00	233,304,264.34	0.00	427,873,380.17	194,569,115.83				
	AUG'2023	0.00	0.00	233,304,264.34	0.00	427,873,380.17	194,569,115.83				
	SEPT'2023	0.00	0.00	233,304,264.34	0.00	427,873,380.17	194,569,115.83				
		*126.1859% of 4 quarters ago FY97 cap grant		123.1937% of 4 quarters ago FY12 cap grant							
		124.4683% of 4 quarters ago FY98 cap grant		121.1291% of 4 quarters ago FY13 cap grant							
		125.1372% of 4 quarters ago FY99 cap grant		123.3171% of 4 quarters ago FY14 cap grant							
		123.9708% of 4 quarters ago FY00 cap grant		124.3307% of 4 quarters ago FY15 cap grant							
		123.8095% of 4 quarters ago FY01 cap grant		126.8780% of 4 quarters ago FY16 cap grant							
		123.8095% of 4 quarters ago FY02 cap grant		127.7655% of 4 quarters ago FY17 cap grant							
		125.1674% of 4 quarters ago FY03 cap grant		125.4306% of 4 quarters ago FY18 cap grant							
		127.0270% of 4 quarters ago FY04 cap grant		127.0435% of 4 quarters ago FY19 cap grant							
		122.2297% of 4 quarters ago FY05 cap grant		126.7590% of 4 quarters ago FY20 cap grant							
		122.2222% of 4 quarters ago FY06 cap grant		124.1379% of 4 quarters ago FY21 cap grant							
		122.2222% of 4 quarters ago FY07 cap grant									
		123.2868% of 4 quarters ago FY08 cap grant									
		121.2470% of 4 quarters ago FY09 cap grant									
		122.4845% of 4 quarters ago FY10 cap grant									
		127.6074% of 4 quarters ago FY11 cap grant									
Total Grant ACH Payment		187,939,554.33	233,304,264.34	-Loan Fund + Required State Match (Total)							

SFY 2022 DWSRF ANNUAL REPORT

ATTACHMENT 20: DWSRF NATIONAL STRATEGIC PLAN, LOAN RECIPIENT, PROJECTS & TYPES OF ASSISTANCE

DWSRF Final Loans Executed in SFY 2022
All loans have a repayment period of 19.5 years

Borrower	Project Name	Project Location	Loan Amount (\$)
Hawaii Department of Water Supply	Emergency Well Repairs 1	Hilo, HI	1,000,000.00
Hawaii Department of Water Supply	Hawaii DWS Pro-Fi SFY 2022	Hawaii, HI	10,000,000.00
County of Honolulu, Board of Water Supply	Honolulu BWS Pro-Fi SFY 2022	Honolulu, HI	11,500,000.00
Pepeekeo Water Association, Inc.	North Easements Waterline Replacement	Pepeekeo, HI	1,149,750.00
Hana Water Systems LLC	Helani Waterline Replacement	Hana, HI	1,000,000.00
Hawaiian Shores Community Association	Water System Fire Hydrant Replacement	Pahoa, HI	275,000.00
Hawaiian Shores Community Association	Water System Auto Read Meter Transmitter Replacement	Pahoa, HI	55,770.00
Total Final Loan Agreements			24,980,520.00

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ATTACHMENT 21: SUMMARY OF ACTIVE PROJECTS IN SFY 2022

HANA WATER SYSTEMS

P-DW201-0002 HELANI WATERLINE REPLACEMENT

LOAN AMOUNT: \$ 1,000,000.00

PRINCIPAL FORGIVENESS: \$ 1,000,000.00 (100.00%)

AMOUNT DISBURSED IN SFY 2022: \$ 960,468.93

PUBLIC WATER SYSTEM (PWS): 201

SERVICE POPULATION: 816

Project Description: Replace 6" steel line to reduce system water losses and reduce costs from constant repair.

New gate valve ➤



KUNIA VILLAGE TITLE HOLDING CORP.

P-DW303-0001 KUNIA VILLAGE POTABLE WATER SYSTEM UPGRADES



LOAN AMOUNT: \$ 1,621,805.00

PRINCIPAL FORGIVENESS: \$ 1,621,805.00 (100.00%)

AMOUNT DISBURSED IN SFY 2022: \$ 527,417.37

PWS: 303

SERVICE POPULATION: 650

Project Description: Install two new steel tanks, replace existing potable distribution lines, and install a new booster pump station to address system deterioration, provide adequate pressure to homes, and meet current standards.

➤ New 228k-gallon steel tanks

HAWAII DEPARTMENT OF WATER SUPPLY

HDWS-PF22 HAWAII DWS PRO-FI SFY 2022

LOAN AMOUNT: \$ 10,000,000.00

AMOUNT DISBURSED IN SFY 2022: \$ 10,000,000.00

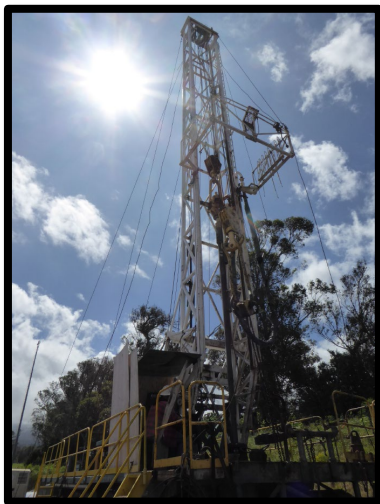
ISLANDWIDE SERVICE POPULATION: 193,680

Project Description: Programmatic Financing loan for water system improvements on the Island of Hawaii. Sub-projects included, multiple deep well repair projects island wide (Olaa #3, Hawi #2, Parker #1, Waimea, and Kulaimano); and Hala'ula Well Development Phase 2.

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MAUI DEPARTMENT OF WATER SUPPLY

DW213-0018 POOKELA WELL B DEVELOPMENT



LOAN AMOUNT: \$ 3,004,637.28

PRINCIPAL FORGIVENESS: \$ 557,800.00 (18.56%)

AMOUNT DISBURSED IN SFY 2022: \$ 1,053,871.65

PWS: 213

SERVICE

POPULATION: 29,868

Project Description: Water system improvements for the Pookela Well B exploratory well (\$2.5M).

◀ Drilling of Pookela Well B

HONOLULU BOARD OF WATER SUPPLY

DW331-0043 DIAMOND HEAD WATER SYSTEM IMPROVEMENTS, PART II

LOAN AMOUNT: \$ 4,295,885.30

PRINCIPAL FORGIVENESS: \$ 490,000.00 (11.41%)

AMOUNT DISBURSED IN SFY 2022: \$ 108,557.75

PWS 331 SERVICE POPULATION: 631,389

Project Description: Install mains and appurtenances along 22nd Avenue from Kilauea Avenue to Diamond Head Road, along Diamond Head Road from 22nd Avenue to Kahala Avenue, and along Kulamanu Street from Kahala Avenue to Kulamanu Place - approx. 5,235 lin. ft. Install 8-inch mains and appurtenances along Kulamanu Place from Kulamanu Street to end, along Malapua Place from 22nd Avenue to end, along Ulupua Place from 22nd Avenue to end, along Huanui Street from 22nd Avenue to Huanui Place, along Kaalawai Place from Diamond Head Road to easement, and along Kuine Place from Kulamanu Street to end, approx. 2,270 lin. ft.



▲ 22nd St + Puu Panini St intersection

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HBWS-PF22 HONOLULU BWS PRO-FI SFY 2022



▲ *Repainting at the Kalihi Pump Station*

LOAN AMOUNT: \$ 11,500,000.00

AMOUNT DISBURSED IN SFY 2022: \$ 11,500,000.00

ISLANDWIDE SERVICE POPULATION: 986,999

Project Description: Water system improvements on the Island of Oahu. Sub-projects include the Kalihi Pump Station Renovation; Diamond Head Line Booster; Punaluu Wells II Renovation; Lunalilo Home Road Water System Improvements; Anoi Road Water System Improvements; Keanu Line Booster; Pearl City Wells I, Pump Renewal and Replacement, Mililani Wells II Improvements PRV Assembly, Makiki and Waialae Iki 180 Res- AV Assembly, Pearl City Wells II Isolation Valves.

OVERALL TOTALS

Number of active loans: 6

Disbursed amount: \$ 24,150,315.70