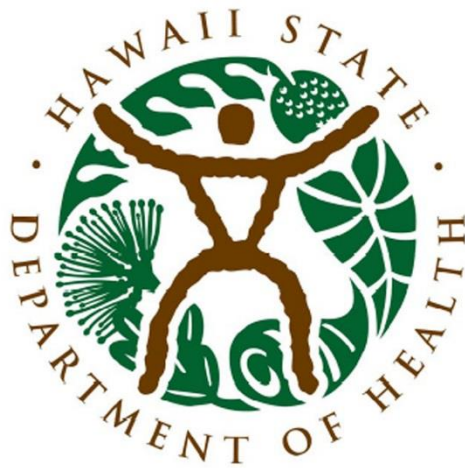

DRINKING WATER TREATMENT REVOLVING LOAN FUND
INTENDED USE PLAN FOR
THE STATE OF HAWAII FISCAL YEAR (SFY) 2020 AND
THE FEDERAL FISCAL YEAR (FFY) 2019 APPROPRIATION



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

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TABLE OF CONTENTS

<i>I. PROGRAM OVERVIEW</i>	4
A. Introduction.....	4
B. DWSRF Capitalization Grant for FFY 2019	4
C. Sources and Uses of Funds	5
D. Requirements of Consolidated Appropriations Act, 2019 – Public Law No: 116-6, and America’s Water Infrastructure Assistance Act of 2018 (AWIA) – Public Law No. 115-270	7
E. Other Requirements.....	10
F. Projects Used to Fulfill Equivalency and the Continuing Appropriations Act, 2019	10
<i>II. DWSRF LONG-TERM AND SHORT-TERM GOALS</i>	11
A. Long-Term Goals.....	11
B. Short-Term Goals.....	11
<i>III. DWSRF FINANCING GUIDELINES</i>	12
A. DWSRF Project Eligibility	12
B. DWSRF Financing Terms.....	12
<i>IV. SET-ASIDE ACTIVITIES</i>	13
A. DWSRF Administration Fund	14
B. State Program Management (10% Set-Aside).....	15
C. Small Systems Technical Assistance (2% Set-Aside).....	15
D. Local Assistance and Other State Programs (15% Set-Aside).....	16
<i>V. PRIORITY LIST OF PROJECTS AND PROJECT SELECTION PROCEDURES</i>	17
A. Priority List of Projects.....	17
B. Project Selection Procedures.....	17
C. Tie-Breaking Procedure	18
D. Project Readiness Bypass Procedure.....	18
E. Emergency Projects Bypass Procedure	19
F. Disadvantaged Communities.....	19
G. Fundable List of Projects	20
<i>VI. ASSURANCES AND PROPOSALS</i>	21
A. Environmental Review.....	21
B. Federal Cross-Cutters	21
C. Binding Commitment.....	21
D. Timely Expenditure.....	21
<i>VII. U.S. EPA STRATEGIC PLAN GOALS AND OBJECTIVES</i>	21

TABLES

<i>Table 1. Projected Sources and Uses of Funds</i>	5
<i>Table 2. Loan Fees</i>	7

Table 3. Equivalency Projects for the FFY 2019 Capitalization Grant 11

Table 4. Set-Asides Overview 14

Table 5. Fundable List of Projects..... 20

APPENDICES

APPENDIX A - DWSRF PRIORITY LIST OF PROJECTS FOR SFY 2020..... 23

APPENDIX A.1 – SUB-PROJECTS LIST FOR HDWS-PF20 HAWAII DWS PRO-FI SFY 2020..... 25

APPENDIX A.2 – SUB-PROJECTS LIST FOR HBWS-PF20 HONOLULU BWS PRO-FI SFY 2020 28

APPENDIX B - DWSRF PROJECT RATING CRITERIA 31

*APPENDIX C - FFY 2019 FEDERAL CAPITALIZATION GRANT PAYMENTS AND DISBURSEMENT SCHEDULE
FOR FFYS 2020 AND 2021 35*

APPENDIX D - NOTICE OF PUBLIC PARTICIPATION & INPUT 38

I. PROGRAM OVERVIEW

A. INTRODUCTION

In 1996, the Drinking Water State Revolving Fund (DWSRF) was established by Congress with the passage of Federal amendments to the Safe Drinking Water Act, hereafter referred to as “the Act” (Public Law 104-182). Section 1452 of the Act authorized the Administrator of the Environmental Protection Agency (EPA) to award capitalization grants to States for the establishment of a loan program to finance drinking water infrastructure projects necessary for public water systems to attain and maintain compliance with Act requirements and to further the health protection objectives of the Act. Portions of the Act were further amended by enactment of the Water Infrastructure Improvements for the Nation (WIIN) Act of 2016 - Public Law No: 114-322 on December 12, 2016; and America’s Water Infrastructure Act of 2018 (AWIA) – Public Law No. 115-270 on October 23, 2018.

On May 2, 1997, Hawaii’s Governor signed legislation to establish the Drinking Water Treatment Revolving Loan Fund (Act 218/97) in the State of Hawaii. The Drinking Water Treatment Revolving Loan Fund, more commonly known as DWSRF, complies with the provisions of the Act, Section 1452, for the State of Hawaii.

The State of Hawaii, Department of Health (DOH) developed this Intended Use Plan (IUP) for the State Fiscal Year (SFY) 2020. This IUP will be submitted to the EPA as part of the DOH’s application for the DWSRF FFY 2019 Capitalization Grant Appropriation.

The DOH, Environmental Management Division, Safe Drinking Water Branch (SDWB) administers Hawaii’s DWSRF Program. Administration is in accordance with Hawaii Revised Statutes, Chapter 340E, and Hawaii Administrative Rules, Chapter 11-65.

B. DWSRF CAPITALIZATION GRANT FOR FFY 2019

DWSRF Program plans for SFY 2020 are based on the capitalization grant amount of \$11,004,000.00¹ from the 2019 allotment for the EPA, as of April 22, 2019, and the projected 20 percent state match from the 2019 Hawaii State Legislature of \$2,200,800.00². Based on the Sixth Drinking Water Infrastructure Needs Survey and Assessment, released on March 30, 2018, Hawaii’s share for FFY 2018 through 2021 is one percent of the total national DWSRF appropriation. This IUP will provide information regarding the use of the federal, state and additional monies generated from other program sources during this SFY 2020 period. Details on key aspects of the Program, including the long- and short-term goals, the priority setting criteria, and a listing of projects, are included in this Intended Use Plan.

¹ EPA Drinking Water Protection Division Director Anita Maria Thompkins Memo of 4/22/2019; Attachment A (page 3) and <https://www.epa.gov/drinkingwatersrf/annual-allotment-federal-funds-states-tribes-and-territories#tab-10>.

² HB1259-SD1-CD1, 2019 HSL, page 58 of https://www.capitol.hawaii.gov/session2019/bills/HB1259_CD1_.PDF.

C. SOURCES AND USES OF FUNDS

The projected sources and uses of all funds in the Hawaii DWSRF program are shown in Table 1 below.

Table 1. Projected Sources and Uses of Funds

Sources	Through SFY 2019 (\$)	SFY 2020 IUP (\$)	Cumulative through 6/30/2020 (\$)
Federal Capitalization Grants	213,206,558.00	11,004,000.00	224,210,558.00
State Match	38,741,312.00	2,200,800.00	40,942,112.00
Loan Repayments	119,006,761.06	9,363,232.06	128,369,993.12
Investment Interest	8,030,361.35	180,000.00	8,210,361.35
Loan Fees	10,283,778.26	2,744,077.61	13,027,855.87
Transfers from Loan Fee Account to Loan Fund	18,096,042.77	1,260,484.81	19,356,527.58
<i>Total Sources</i>	<i>407,364,813.44</i>	<i>26,752,594.48</i>	<i>434,117,407.92</i>
Uses			
Final Loan Agreements ^A	344,504,945.50	31,725,000.00	376,229,945.50
Set-Asides & Administrative Support ^B	28,317,159.26	2,866,000.00	31,183,159.26
Loan Fees ^C	7,297,768.48	2,244,356.00	9,542,124.48
EPA In-Kind Services	1,767,500.00	-	1,767,500.00
<i>Total Uses</i>	<i>381,887,373.24</i>	<i>36,835,356.00</i>	<i>418,722,729.24</i>
Fund Balance	25,477,440.20	(10,082,761.52)	15,394,678.68

NOTES:

^A Includes ARRA final loan agreements. See Table 5 for more details.

^B See Table 4 for more details.

^C This calculation includes the SFY 2019 budget, plus overruns.

Loan Fees

Since SFY 2018, per 40 CFR §35.3530, DWSRF utilized a single Loan Fee account outside the fund to primarily support the following:

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
 - b. Travel and other expenses for quality assurance quality control monitoring
 - c. Other operating expenses, other rental, postage, 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 two positions (full and portion for Groundwater Protection Program Staff)

- ii. Travel and other expenses for Administration, Project Review, and Public Participation
 - iii. Educational, scientific, laboratory, and computer supplies
 - iv. Joint Government Water Conference 2019, laboratory analysis for Phase 3 of the Pharmaceutical and Personal Care Products Monitoring Project, Pesticides in Groundwater Monitoring Project, and UIC System Enhancement Contracts
 - v. Other miscellaneous operating expenses
 - vi. Equipment – desktop computer, notebook computer, LCD projector, PA system, field monitoring equipment
- b. 10% Set-Aside budget:
- i. Personnel salary, fringe, and indirect for two positions (portion of Safe Drinking Water Branch Groundwater Protection Program Staff, portion for other attached Environmental Health Administration office staff)
 - ii. Travel and other expenses for Administration, Surveillance, Laboratory Capability and Certification, Training & Technical Assistance, quality assurance quality control monitoring
 - iii. Laboratory Maintenance Contracts for Chemistry and Micro Labs and training
 - iv. Attorney General support
 - v. Safe Drinking Water Branch System Enhancement Contracts for:
 - 1. Safe Drinking Water Information System (SDWIS) Viewer
 - 2. Sample Analysis and Tracking System (SATS)
 - 3. Sample Collection and Reservation System (SCRS)
 - 4. Sanitary Survey Phase 3
 - 5. Environmental Health Administration Portal Support, and
 - 6. 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 2021 and beyond will be procured by Request for Proposals with budgets of up to \$100,000.00 per SRF program per year.
 - vi. Other operating expenses – advertising, air freight, motor vehicle gas/oil, Other rental, postage, printing, motor pool cars, subscriptions, and training and registration fees
 - vii. Equipment – two tablets, desktop computer, laboratory equipment
- c. 15% Set-Aside Budget – no Fees used for 15% Set-Aside support
- d. 1/5% of net assets for administration of the DWSRF program:
- i. Personnel salary, fringe, and indirect for 10 positions (portions of Safe Drinking Water Branch Engineering Staff, full and portions for Water Revolving Fund Staff, other attached Environmental Health Administration office staff)
 - ii. Travel and other expenses for Project Review and Public Participation
 - iii. Training and Registration Fees

- e. 2% Set-Aside Budget - The Safe Drinking Water Branch will use \$20,000.00 of Fees in SFY 2020 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 – Hawaii Section and Hawaii Water Environment Association to be held February 4-6, 2020.
- 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.

Table 2. Loan Fees

Projected Loan Fees Collected Through SFY 2020 (\$)	Projected Expenses SFY 2020 (\$)
2,746,093.00	2,244,356.00

EPA In-Kind Services

In-Kind Services is a portion of the allotted capitalization grant that is withheld by EPA for various uses. Through SFY 2018, there has been total withholdings of \$19.5 million from ARRA and \$1,767,500.00 of in-kind expenses in SFY 2000, 2001, 2005, 2013, 2015, 2017, and 2018.

In SFY 2019, \$200,000.00 was withheld from the Administrative Fund for the Intergovernmental Personnel Act (IPA) Mobility Program to provide engineering/environmental health specialist assistance for the Engineering, Compliance, and/or Monitoring Section. The EPA awarded \$195,000.00 of the \$395,000.00 available for the 1/5 % of the net assets for the Administrative Fund. The IPA search process was not successful, and the \$200,000.00 will be returned to the state for other administrative expenses.

D. REQUIREMENTS OF CONSOLIDATED APPROPRIATIONS ACT, 2019 – PUBLIC LAW NO: 116-6, AND AMERICA’S WATER INFRASTRUCTURE ASSISTANCE ACT OF 2018 (AWIA) – PUBLIC LAW NO. 115-270

The Consolidated Appropriations Act, 2019 (H.J. Res.31) became Public Law No: 116-6 on February 15, 2019³. It provides the FFY 2019 appropriation for the DWSRF in Division E – Department of the Interior, Environment, and Related Agencies Appropriations Act, 2019, Title II – Environmental Protection Agency Science and Technology, State and Tribal Assistance Grants⁴.

President Donald J. Trump signed S. 3021, AWIA, Public Law No. 115-270, on October 23, 2018⁵. It reauthorized the DWSRF and includes key provisions of the SRF WIIN Act, which provides streamlined access to WIFIA financing for SRFs.

³ Source: <https://www.congress.gov/bill/116th-congress/house-joint-resolution/31>

⁴ Source: <https://www.congress.gov/116/bills/hjres31/BILLS-116hjres31enr.pdf>, starting on page 224 of 465

⁵ Source: <https://www.congress.gov/bill/115th-congress/senate-bill/3021>

The following are the provisions of the Consolidated Appropriations Act and AWIA that are applicable to the Hawaii DWSRF. Equivalency Projects for the FFY 2019 Capitalization Grant are listed in Table 3 below.

Additional Subsidization

The Consolidated Appropriations Act requires the DWSRF to use twenty (20) percent of the capitalization grant (\$2,200,800.00) to provide additional subsidy to eligible recipients. AWIA further includes a floor of six (6) percent (up to 35 percent) of the capitalization grant (\$660,240.00) to be used to provide additional subsidy to disadvantaged water systems⁶. The minimum total twenty-six (26) percent additional subsidy may be in the form of principal forgiveness, negative interest loans, or grants (or any combination of these).

Funds in accordance with this Act have been earmarked for additional subsidization in the form of zero percent interest loans with principal forgiveness. For SFY 2020, the Hawaii DWSRF program will primarily award the \$2,861,040.00 additional subsidy to privately-owned public water systems, with secondary consideration to covering the National Historic Preservation Act (NHPA) Section 106 consultation review of Hawaii DWSRF projects.

If needed, a tertiary prioritization for awarding additional subsidy will be implemented. The Hawaii DWSRF program will assess disbursement activity in SFY 2019 to determine which borrower most closely submitted regular monthly payment requests. Any remaining additional subsidy for SFY 2020 will go to that borrower's next executed loan. This incentivizes the borrowers to ensure the timely disbursement of their loan funds.

Act 98, signed by the governor on June 8, 2009, authorizes the Department of Health to provide such financial assistance to publicly-owned water systems from the Capitalization Grant.

Green Project Reserve (GPR)

For FFY 2019, funds made available under this title to each State for DWSRF capitalization grants may, at the discretion of each State, be used for projects to address green infrastructure, water or energy efficiency improvements, or other environmentally innovative activities.

The Hawaii DWSRF Program is committed to the implementation of sustainable and green infrastructure. Projects that incorporate green infrastructure, water or energy efficiency improvements or other environmentally innovative activities will receive bonus points under the DWSRF rating.

Reporting Requirements

The Hawaii DWSRF Program will report the utilization of funds under the SFY 2020 IUP. The major reporting vehicles will be the DWSRF Project Benefits Reporting (PBR) system, Drinking Water State

⁶ Disadvantaged systems are those that score a 45 or higher for affordability, based on the *DWSRF Project Rating Criteria* in Appendix B.

Revolving Fund National Information Management System (DWNIMS), and the Federal Funding Accountability and Transparency Act (FFATA) Subaward Reporting System (FSRS). Reporting will include the use of funds for the GPR and Additional Subsidization and information on the environmental benefits of DWSRF-funded projects.

Davis-Bacon Requirements

For FFY 2012 and each fiscal year thereafter, the requirements of section 1450(e) of the Safe Drinking Water Act (42 U.S.C. 300j-9(e)) shall apply to any construction project carried out in whole or in part with assistance made available by a drinking water treatment revolving loan fund as authorized by section 1452 of that Act (42 U.S.C. 300j-12).

Davis-Bacon compliance language is required to be included in each construction contract between the borrower and its contractor. Additionally, each payment request submitted by the borrower includes a signed statement that they are following the labor wage rates.

American Iron and Steel (AIS)

None of the funds made available by the DWSRF shall be used for a project for the construction, alteration, maintenance, or repair of a public water system unless all items used in the project complies with the AIS requirements, pursuant to the American Recovery and Reinvestment Act, P.L. 113-76 Section 436 and 1605. This means, all materials that are majority iron or steel must be produced in the United States, unless specifically stated as exempt.

Borrowers have the option to apply the *de minimis waiver*, which allows certain incidental items to be exempt from AIS, up to five percent of the total materials cost. The cost of any individual item may not exceed one percent of the total cost of the materials used in and incorporated into a project. If a borrower claims *de minimis* items, it will be stated and tracked in the project file.

AIS compliance language is required to be included in each construction contract between the borrower and its contractor. AIS certifications are required to be submitted to the DWSRF prior to or upon requesting reimbursement for that item.

Signage

For the FFY 2015 SRF capitalization grant and each fiscal year thereafter, the DWSRF program must comply with SRF Signage Guidelines to enhance public awareness of EPA assistance agreements nationwide. This shall be achieved on an equivalency basis.

The borrower is notified prior to loan execution if it needs to comply with the signage requirement. Since signage is achieved on an equivalency basis, the loans receiving Federal funding will be required to

comply. The borrower may select at least one of five options outlined in EPA's June 3, 2015 memo on the subject.

Cash Draw Ratio

The cash draw ratio (also known as proportionality) is the ratio of federal to state monies used to fund a loan. In accordance with EPA Office of Water Memorandum 13-04 (September 30, 2013), the DWSRF will deposit and disburse state match funds (or an equivalent amount of non-federal funds) prior to drawing any funds from the federal capitalization grant. After all state match funds (or an equivalent amount of non-federal funds) have been disbursed, the DWSRF may draw funds from the capitalization grant at a ratio of 100% of the disbursement amount.

E. OTHER REQUIREMENTS

National Historic Preservation Act (NHPA), Section 106

As dictated in 36 CFR §800, projects utilizing Federal Funding must undergo a NHPA Section 106 Consultation Review. This includes consulting with Native Hawaiian Organizations, the Office of Hawaiian Affairs, and the State Historic Preservation Division, among other possible stakeholders, to ensure historic or culturally sensitive areas and architecture are protected during a project undertaking.

Since this requirement is triggered with the use of Federal Funding, the DWSRF will satisfy the requirement by applying equivalency up to the FFY 2019 Capitalization Grant amount.

F. PROJECTS USED TO FULFILL EQUIVALENCY AND THE CONTINUING APPROPRIATIONS ACT, 2019

The Hawaii DWSRF program intends to meet the requirements for equivalency and of the Continuing Appropriations Act, 2019 and AWIA with the projects listed in Table 3, below.

The remaining additional subsidy will likely be assigned to other privately-owned water system projects once they are closer to being ready to proceed. This includes P-DW168-0004 Keopu Water system Improvements, P-DW437-0001 0.5 MG Tank Replacement, and the P-DW437-0002 Distribution System Improvements. The IUP will be updated once the projects are ready to move onto the Fundable List for SFY 2020.

Table 3. Equivalency Projects for the FFY 2019 Capitalization Grant

Primary Project(s)	FFATA (\$)	GPR (\$)	Additional Subsidy (\$)	Signage (\$)	NHPA Section 106 (\$)
HBWS-PF20	11,004,000.00			11,004,000.00	11,004,000.00
P-DW303-0001			1,000,000.00		
P-DW156-0001			75,000.00		
Required Assignment	11,004,000.00	-	2,861,040.00	11,004,000.00	11,004,000.00
Total Assigned	11,004,000.00	-	1,075,000.00	11,004,000.00	11,004,000.00
Total Unassigned	-	-	1,786,040.00	-	-

II. DWSRF LONG-TERM AND SHORT-TERM GOALS

In establishing the national DWSRF Program, Congress gave the States the flexibility to design a program that can be tailored to meet the needs of the local public water systems. The long- and short-term goals for Hawaii’s DWSRF Program are presented below. They provide a framework for the direction of Hawaii’s DWSRF Program.

A. LONG-TERM GOALS

1. To assist as many water purveyors as possible to attain compliance with State and Federal Drinking Water Regulations through the low-interest loan program.
2. To maintain the DWSRF Program in perpetuity.
3. To promote sustainable infrastructure and energy efficiency.

B. SHORT-TERM GOALS

1. Continue implementation of some of the recommendations from the Northbridge Environmental Management Consultants’ October 2014 *Hawaii SRF Management Study for the CWSRF and DWSRF Programs* to streamline the Hawaii DWSRF program and increase the program’s pace.
2. Continue modification of the Functional Procedures and the Operating Agreement to reflect and meet the DWSRF requirements and needs.
3. 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.
4. Continue working with Northbridge on the development and implementation of the Loans and Grants Tracking System (LGTS) to track the required items, which include accounting, management, set-asides, compliance and customer service concerns.

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

III. DWSRF FINANCING GUIDELINES

A. DWSRF PROJECT ELIGIBILITY

The DWSRF Program will fund drinking water projects that fall under these categories:

- Projects to correct acute health problems;
- Projects to correct chronic health problems; and
- Projects to meet other public health criteria, address health advisories, and address Maximum Contaminant Levels.

The DWSRF Program will reference the *Drinking Water State Revolving Fund Eligibility Handbook*, dated June 2017, which is available online at

<http://health.hawaii.gov/sdwb/files/2017/06/DWSRFEligibilityHandbook.pdf>.

B. DWSRF FINANCING TERMS

Hawaii's DWSRF Program will provide low-interest loans for construction and refinancing of eligible drinking water projects within the State. Beginning in SFY 2019, the DWSRF Program allowed privately-owned water systems to apply for loans. Existing debt may be refinanced upon verification by the Hawaii DWSRF program that the debt being refinanced pertained solely to the completion of a project that met the same DWSRF requirements of a construction loan. Project priority will be determined by program guidelines as detailed in Section V, "Priority List of Projects and Project Selection Procedures" in this IUP.

In most cases, loans to eligible projects are made under terms and conditions effective at the time of financing. The following guidelines are currently in place until June 30, 2020 and may be adjusted for new loans executed after June 30, 2020, depending on the ability of the fund to remain in perpetuity:

For all loans:

- Loans to eligible projects, using the DWSRF funds, can be for 100 percent financing of the allowable project costs.
- Except for disadvantaged communities, loan repayment periods will be limited to a maximum of 30 years, with repayment installments to be made semi-annually. Disadvantaged communities may extend financing for up to 40 years. See the Disadvantaged Communities section in this IUP for details.
- DWSRF loan rates will remain fixed over the life of the loan.

- Administrative loan fees are calculated based on the outstanding principal balance of the loan multiplied by a semi-annual rate of one-half percent (0.50%), unless otherwise noted for a specific loan.
- The principal amortization for most DWSRF loans begins within 18 months after construction completion or three years after the date of the final loan agreement, whichever is earlier.
- The Hawaii DWSRF program is utilizing FOCUS to evaluate the amount of interest and loan fees necessary for the Hawaii DWSRF to operate in perpetuity.

For municipal project-based loans:

- The DWSRF total annual loan rates for municipal project-based loans for SFY 2020 is 2.15%. The total loan rate is composed of the loan fee of 1.00% and interest rate of 1.15%.

For Programmatic Financing loans:

- The DWSRF total annual loan rate for Programmatic Financing (Pro-Fi) loans is 1.75%. The total Pro-Fi loan rate is composed of the loan fee of 1.00% and interest rate of 0.75%.
- Principal amortization begins the October following the end of the State Fiscal Year that the ProFi is assigned. The ProFi loan for SFY 2020 principal amortization shall begin on October 2020 and continue semi-annually thereafter.

For privately-owned water system project loans:

- The DWSRF total annual loan rate for privately-owned Public Water Systems is 2.75%.
- The DWSRF program may charge a fee to cover administrative or filing fees. The fees would be determined after initial assessment of the applicant's technical, managerial, and financial capacity and the amount of securities/precautions the program may need to execute a loan. This may include, but not limited to, fees associated with appraisals, surveys, title searches, legal fees, and document recording.

IV. SET-ASIDE ACTIVITIES

The Act allows each state to set-aside up to 31 percent of its federal capitalization grant to support various drinking water program activities including administration, state program management, technical assistance and other special activities. Separate and identifiable accounts have been developed to be used for these Set-Aside Activities. Banking set-asides in the loan fund allows the funds to be used for loans now and reserves Hawaii's authority to take these funds from future capitalization grants. Set-Aside activities are outlined in Table 4 and in the narrative below.

Hawaii will submit detailed workplans to EPA for approval before funds are expended on these activities. Hawaii will report on the progress of these set-aside activities to EPA in the annual performance status reports.

Once finalized, the DWSRF Program will reference the EPA Office of Water’s *Analysis of the Drinking Water State Revolving Fund Set-Asides: Building the Capacity of Drinking Water Systems (EPA 816-R-17-004)*, October 2017 at https://www.epa.gov/sites/production/files/2017-10/documents/final_dwsrf_2017_report_508compliant.pdf for additional possibilities for the use of the funds to protect the drinking water of the state. The report contains examples of other state’s uses of the funds, lists nine (9) different categories for set-aside activities, and provides opportunities for collaboration. The analysis of Hawaii’s uses is on PDF pages 64-65.

Table 4. Set-Asides Overview

SDWA Act Set-Aside and Administrative Support Reference	Set-Aside & Admin Support Activity	Maximum Set-Aside FFY 2019 Capitalization Grant Funds (\$)	Set-Aside Funds FFY 1997-2018 (\$)	Banked Set-Aside FFY 2019 Capitalization Grant Funds (\$)	Banked Set-Aside FFY 1997-2018 Capitalization Grant Funds (\$)	Actual Budget SFY 2020 (\$)
Section 1452 (g) (2) – (4%)	DWSRF Administration Fund	0.00	5,319,128.00	0	0.00	0.00
Section 1452 (g) (2) – (10%)	State Program Management	1,100,400.00	12,680,819.88	0	3,828,600.00	1,100,400.00
Section 1452 (g) (2) – (2%)	Small Systems Technical Assistance	220,080.00	1,561,985.16	0.00	1,537,740.00	200,000.00
Section 1452 (k) – (15%)	Local Assistance and Other State Programs	1,650,600.00	10,829,510.69	0	0	1,165,600.00
Section 1452(g)(2) as amended by WIIN Act of 2016, Section 2103 - 1/5 % of the current valuation of the fund	DWSRF Administration Fund	401,031.84	373,800.00	0	0	400,000.00
Total Set-Asides & Admin Support		3,372,111.84	30,765,243.73	0.00	5,366,340.00	2,866,000.00
Total Banked Set-Asides FFY 1997-2017 Capitalization Grant Funds				\$5,366,340.00		

A. DWSRF ADMINISTRATION FUND

Section 1452(g)(2) of the Act allows up to four percent of the DWSRF Capitalization Grant to be set-aside for administration of the DWSRF program. Administrative functions include the development, implementation and review of DWSRF program processes and documentation needs that may include, but are not limited to, financial, managerial, and legal consultation, DWSRF set-aside and funds accounting, application review, public assistance, audits, information system maintenance, record retention and filing, environmental review, development of the Intended Use Plan and Priority List of Projects, budget, workplan, plans and specifications review and approval, construction inspections and staff training.

The 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 percent of the current valuation of the fund or 4 percent of capitalization grants awarded, whichever is greater” (2017 CIFA National Policy Conference presentation slide, N. Chamberlain). “No matter which of the three options

the state chooses for this set-aside, funds must come from the capitalization grant and not be comingled with the loan fund.” For SFY 2020, DOH will be using \$400,000.00 of the \$401,031.84 available under the 1/5% of net assets.

The budget includes full funding of three (3) positions (salary, fringe, and indirect) which will draw \$343,240.00 of the budget within one (1) state fiscal year. The remainder of the budget will be used for related travel, and other miscellaneous expenses and will be drawn in its entirety within one (1) state fiscal year.

B. STATE PROGRAM MANAGEMENT (10% SET-ASIDE)

Section 1452(g)(2) of the Act allows up to ten percent of the DWSRF Capitalization Grant to be set-aside to support Public Water System Supervision program activities and other initiatives of the Act. These funds support activities, which are important for the State Program to maintain primary enforcement authority, and strengthen the State’s Public Water System Supervision program. Activities covered under the State Program Management set-aside include, but are not limited to, Public Water System Supervision program activities, capacity development, operator certification, sanitary surveys, regulation development and contracts for conducting sanitary surveys, security training, cross-connection training, and quality assurance and quality control measures.

The budget includes funding of seven (7) positions which will draw over \$794,976.00 of the budget within one (1) state fiscal year. The remainder of the budget will be used for related travel, supplies, and Information System enhancements, and will be drawn in its entirety within one (1) state fiscal year.

“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).

C. SMALL SYSTEMS TECHNICAL ASSISTANCE (2% SET-ASIDE)

Section 1452(g)(2) of the Act allows up to two percent of the DWSRF Capitalization Grant to be set-aside to support Small Systems Technical Assistance activities.

These funds will be used to provide future assistance to public water systems serving fewer than 10,000 people or 89 percent of the public water systems in Hawaii. Activities under this set-aside include helping systems prepare their DWSRF loan applications, assistance with improving their technical, financial, and managerial capability, training, and planning, technical assistance via sanitary survey follow-ups, direct on-site assistance and a Circuit Rider program to address any necessary improvements to the water system. The Safe Drinking Water Branch will use \$200,000.00 of the set-aside to fund two (2) contracts to provide small systems with technical assistance for Engineering Consulting with Asset Management. This set-aside will be drawn in its entirety within two (2) state fiscal years (estimated to begin disbursing in December 2019).

D. LOCAL ASSISTANCE AND OTHER STATE PROGRAMS (15% SET-ASIDE)

Section 1452(k) of the Act allows up to 15 percent of the DWSRF Capitalization Grant to be set-aside to support Local Assistance and Other State Programs.

Activities under this set-aside include, but are not limited to, wellhead protection and related source water protection activities (such as, reducing water loss through the use of audits and identification of potential improvements utilizing DWSRF funding, creating local source water protection advisory committees, development of source water protection plans and strategies, and implementing protection activities including outreach and educational programs); technical, financial and managerial capacity development and related activities (which may include vulnerability assessments, contingency and emergency response plans, and security for protecting drinking water sources); technical assistance via sanitary survey follow-ups and direct on-site assistance to address any necessary improvements to the water system; and a Circuit Rider program to address any necessary improvements to the water system. None of the individual activities listed will exceed ten percent of any particular year's capitalization grant.

The budget for this set-aside includes funding of three (3) positions (salary, fringe, and indirect) which will draw \$307,964.00 within one (1) state fiscal year. The Safe Drinking Water Branch will use over \$770,00.00 of the budget for SFY 2020 for in-house project development for future source water protection activities, coordinate support for Legislative reports, conduct source water assessments, provide Hawaii specific groundwater science expertise to support the Red Hill Administrative Order on Consent, technical assistance, various supplies, and other miscellaneous expenses. The Hawaii DWSRF 15% Set-Aside Multi-Year Business Plan, SFY 2017 – SFY 2022, provides goals and objectives of Technical Assistance and Source Water/Wellhead Protection Program for the use of the fund. The projects or subawards to utilize the funds within two (2) fiscal years include:

- Water Loss Audit Training and Technical Assistance (Subaward) – Multi-year project to be managed by the Hawaii Department of Land and Natural Resources Commission on Water Resource Management ([SB 2645, SD2, HD1, CD1 – Relating to Water Audits](#)). Potential identification of future DWSRF infrastructure projects. Budget of \$200,000.00 in SFY 2017 fully drawn by April 17, 2018; \$250,000.00 in SFY 2018 balance remaining of \$90,245.00 as of April 18, 2019 to be drawn by September 28, 2019; and \$150,000.00 in SFY 2019 to be drawn by September 24, 2020.
- Wellhead Protection Financial Assistance Program (WHP-FAP): Revise FAP application, advertise and receive applications, award and develop contracts for the implementation of Source Water Protection Projects and/or Activities. Budget of \$200,000.00 in SFY 2020 for initial funding of contracts executed by October 1, 2020 and estimated to begin disbursing in SFY 2021.
- Technical Assistance - The Governor's approval to contract for staffing resources in the new 2019-2021 Circuit Rider contract was received on June 23, 2017, and an amendment to increase the total contract period to three (3) years and amount to \$750,600.00 was approved on December 28, 2018. The Request for Proposals was posted in SFY 2018 for contract execution in SFY 2019. Budget for the first 12 months for \$250,200.00 in SFY 2020 estimated to begin

disbursing in SFY 2020. Each of the following two (2) 12-month periods of the contract will be funded by the balance remaining of \$100,400.00 of SFY 2020 DWSRF 15% funds and \$400,000.00 of Fees.

- Technical Assistance: WIIN Act of 2016, Section 2107 – Lead Testing in School and Child Care Program Drinking Water Grant. Provide assistance with development and implementation of testing program using the EPA 3Ts for Reducing Lead in Drinking Water Toolkit. Coordination with SDWB, HEER Office, and Children with Special Health Needs Branch (CSHNB), Department of Human Services (DHS), and Department of Education (DOE). Budget of \$200,000.00 in SFY 2020 estimated to begin disbursing in Spring 2020 to supplement the collection of the samples.

V. PRIORITY LIST OF PROJECTS AND PROJECT SELECTION PROCEDURES

A. PRIORITY LIST OF PROJECTS

Any project considered for funding must be listed on the Priority List of Projects. The *DWSRF Priority List of Projects for SFY 2020* is presented in Appendix A. In January 2019, the county water departments and privately-owned water systems were invited to submit proposed projects for DWSRF funding.

Throughout the year, borrowers may add new projects for inclusion in the *Priority List of Projects*. A new 30-day comment period would be initiated for each major update to the *Priority List of Projects* or the IUP. The *Priority List of Projects* was developed by evaluating the proposed projects based on the Project Selection Procedures and DWSRF Rating Criteria. The priority ranking system is applicable for projects to be funded through the DWSRF program. Amendments to the Project Selection Procedures and DWSRF Rating Criteria will be considered as appropriate to reflect the changing character of the Program. The *DWSRF Project Rating Criteria* is found in Appendix B.

B. PROJECT SELECTION PROCEDURES

The State of Hawaii utilizes a ranking system to establish the order in which eligible projects will be financed. Projects are ranked based on the relative impact of the project in achieving the objectives of the Act. In general, priority is given to current construction projects that facilitate compliance with national primary drinking water regulations applicable to the system or otherwise significantly further the health protection objectives of the Act.

The *Priority List of Projects* is developed and updated each year and placed in the IUP. The IUP is then made available for public review and comment each year.

As required by the Act Amendments of 1996, the priority ranking system attempts to assign the highest priority to those projects, which:

1. Address the most serious risk to human health;

2. Are necessary to ensure compliance with the requirements of the Act; and
3. Assist systems most in need, on a per household basis.

Projects are ranked against all other projects competing for funds using the DWSRF Project Rating Criteria. While points are primarily assigned on a basis of the health problems or the Act compliance issue being addressed by a project, a final criterion is reserved for determining the priority of eligible projects with the same point totals. The Act amendments of 1996 require that 15 percent of the monies available for funding projects each fiscal year must go to public water systems that serve 10,000 or fewer persons (small public water systems). Thus, the highest ranking small public water system project that will be ready-to-proceed in that fiscal year will be selected to satisfy the minimum 15 percent level. If there are no projects that meet these criteria, DOH will make this portion of the fund available to all other public water systems. This will ensure that the funds are allocated as expeditiously as possible and are efficiently utilized.

Due to the limited funds available and the anticipated demand for low-interest loans, the DWSRF emphasizes the financing of construction projects addressing public health protection and compliance.

C. TIE-BREAKING PROCEDURE

The following procedure is used for breaking ties between projects at the time of evaluation.

1. If the overall score is tied between two or more projects, then the project with the highest Water Quality and Public Health score will be given the higher priority.
2. If there is still a tie after tie-breaker #1, then the project with the highest Affordability score will be given the higher priority.
3. If there is still a tie after tie-breaker #2, then the project with the highest Compliance/Enforcement score will be given the higher priority
4. If there is still a tie after tie-breaker #3, then the project with the highest Sustainability/Resiliency score will be given the higher priority.
5. If there is still a tie after tie-breaker #4, then the cost burden per person, which is the project cost divided by the population affected by the project, will be calculated and the higher total will be given the higher priority.

D. PROJECT READINESS BYPASS PROCEDURE

The DOH will work with the water systems with the highest ranked projects on the *DWSRF Priority List of Projects* to ensure that those projects are given a chance to be funded first.

However, the final funding selection of drinking water projects from the *Priority List of Projects* will be based primarily on the project's readiness-to-proceed. Projects that are ready to proceed are prepared to begin construction and are immediately ready, or poised to be ready, to execute a final loan

agreement with the DOH. If, for whatever reason, a public water system is not ready-to-proceed to construction in a timely fashion, the DOH may select a lower ranking project for funding based on its ability to proceed in a timely manner. This bypass procedure is necessary to ensure that the available funds will be disbursed in a timely manner.

The DOH reserves the right to fund lower priority projects over higher priority projects if in the opinion of DOH, a higher priority project has not taken the steps necessary to expeditiously prepare for funding and initiation of construction (e.g., DOH has not received the required documents to execute a loan agreement, the project is not ready-to-proceed with construction, or the public water system withdraws its project for consideration). If a project must be bypassed because it has been delayed, it will be given priority for funding as soon as it is ready, and funds become available. The DOH may also raise the priority of a project on the *Priority List of Projects* in the case of an emergency or natural disaster, such as a landslide, hurricane, flood, earthquake, etc.

To receive DWSRF funding, all projects must comply with the DWSRF and State Environmental Review Process (<https://health.hawaii.gov/wastewater/files/2018/06/serp.pdf>) prior to commencement of construction.

E. EMERGENCY PROJECTS BYPASS PROCEDURE

If an emergency occurs, resulting in a project that needs immediate funds and attention, that project can get top priority for available funding. The DWSRF shall make the final determination that an emergency exists and if emergency funding is available, may award an emergency loan to an eligible public water system. These funds will be available for the construction, reconstruction, replacement, rehabilitation, temporary repair, or improvement necessary to continue or restore operation of a public water system that is in violation of health and safety standards due to an emergency as defined above. For purposes of this program, emergency refers to an event like a natural disaster that causes damage or disrupts normal public water system operations and requires immediate action to protect public health and safety. A failure to maintain, replace, reconstruct, upgrade, or make necessary infrastructure improvement does not constitute an emergency.

Preference shall be given to non-governmental water systems. Loan terms for emergency projects may extend up to 30 years. If a project is bypassed because of an emergency project, it will get priority for funding as new funds become available.

F. DISADVANTAGED COMMUNITIES

The DWSRF is authorized to provide up to 35 percent of the Capitalization Grant for any fiscal year to assist disadvantaged communities. A disadvantaged community is currently defined as a public water system's community with an affordability score of 45 or greater (out of 100), based on the DWSRF Priority Scoring Model and as demonstrated in the Population and Housing Characteristics, State of Hawaii, By Census Tracts: 2012-2016.

The Hawaii DWSRF program may assist disadvantaged communities by allowing county-owned water systems in such communities to extend financing of DWSRF loans up to 40 years.

G. FUNDABLE LIST OF PROJECTS

For the SFY 2020, projects listed in Table 5 may be funded up to 100 percent of the eligible pre-construction and construction cost from the *DWSRF Priority List of Projects for SFY 2020* based on potential available funds and readiness-to-proceed. For more specific information on the projects listed in this table, see Appendix A.

Per the FOCUS financial planning model using amounts as of May 9, 2019, the loan program capacity is \$37 M. There will be \$31.725M executed in new loans.

The SDWB intends to execute additional loans to the privately-owned PWSs in SFY 2020. However, placement of these projects onto the SFY 2020 Fundable List of Projects are pending completion of milestones such as land acquisition approval, design, and environmental and historic reviews. Once the projects are ready to proceed, the SFY 2020 Fundable List of Projects will be revised and posted for the required 30-day public comment period.

Table 5. Fundable List of Projects

Priority Rank	Project Number	Borrower	Project Name	Population	Estimated Eligible Amount (\$)	Estimated Start Date
1	HDWS-PF20	Hawaii Department of Water Supply	Hawaii DWS Pro-Fi SFY 2020 ^{D, E, 3}	193,680	4,000,000.00	7/1/2019
5	P-DW156-0001	Hawaiian Shores Association	HSCA Backup Generator ^{D, E}	1,310	75,000.00	7/15/2019
9	HBWS-PF20	Honolulu Board of Water Supply	Honolulu BWS Pro-Fi SFY 2020 ^{E, 4}	986,999	15,000,000.00	7/1/2019
12	P-DW168-0004	Keopu Water Association	Keopu Water System Improvements ^E	250	200,000.00	SFY 2020
15	DW213-0018	Maui Department of Water Supply	Pookela Well B - Development ^E	29,868	4,000,000.00	SFY 2020
17	P-DW243-0001	Hana Water Systems LLC	Kaeleku Tank Replacement	160	1,000,000.00	6/30/2019
18	DW130-0009	Hawaii Department of Water Supply	Waikoloa Reservoir No. 1 Earthquake Repairs	9,480	14,000,000.00	SFY 2020
19	P-DW303-0001	Kunia Village Title Holding Corp.	Kunia Village Water System Upgrades ^E	650	1,700,000.00	SFY 2020
20	DW214-0017	Maui Department of Water Supply	Mahinahina WTP Backwash Tank	20,065	1,500,000.00	SFY 2020
21	DW214-0014	Maui Department of Water Supply	West Maui Well Development ^E	20,065	4,250,000.00	SFY 2020
				TOTAL	45,725,000	

NOTES:

^D Disadvantaged Community based on the DWSRF Priority Scoring Model and as demonstrated in the Population and Housing Characteristics, State of Hawaii, By Census Tracts: 2012-2016.

^E Green Project Reserve: project addresses climate resiliency by incorporating one or more of the following: equipment hardening/waterproofing, prevention of salt water damage, water efficiency, conservation and/or reuse, drought mitigation measures, energy efficiency/neutrality, or emergency response and recovery planning

³ See Appendix A.1. for the list of sub-projects for HDWS-PF20 Hawaii DWS Pro-Fi SFY 2020

⁴ See Appendix A.2. for the list of sub-projects for HBWS-PF20 Honolulu BWS Pro-Fi SFY 2020

VI. ASSURANCES AND PROPOSALS

A. ENVIRONMENTAL REVIEW

The DWSRF Program revised the State Environmental Review Process (SERP) to ensure that it meets the requirements of the federal DWSRF program. The DWSRF Program provided EPA with the revised proposed SERP (to include Environmental Impact Statement [EIS] projects), which was approved by EPA's Regional Administrator (RA) in February 2018. Going forward, the DWSRF Program will utilize the approved SERP to conduct environmental reviews for all eligible DWSRF funded projects.

B. FEDERAL CROSS-CUTTERS

The State will ensure that all federal cross-cutters are addressed within the loan agreement prior to the finalization of the agreement. All projects seeking DWSRF assistance must have been and/or be constructed following all federal cross-cutters and other DWSRF environmental requirements.

C. BINDING COMMITMENT

Hawaii's DWSRF Program will enter binding commitments in an amount equal to the amount of each Capitalization Grant payment (Capitalization Grant less set-aside amounts) and accompanying State Match that is deposited into the Loan Fund. These commitments must be initiated within one year after receipt of each Capitalization Grant payment and will ensure compliance with the binding commitment requirement.

D. TIMELY EXPENDITURE

The State will expend all funds in the DWSRF loan fund in a timely and expeditious manner in accordance with the EPA *Drinking Water State Revolving Fund (DWSRF) National Unliquidated Obligations Strategy* of April 14, 2014.

VII. U.S. EPA STRATEGIC PLAN GOALS AND OBJECTIVES

The Hawaii DWSRF Program supports the National EPA 2018-2022 Strategic Plan, as listed below. Specifically, Hawaii has established and manages the revolving loan fund that provides low-cost loans and other types of assistance to water systems by financing the cost of infrastructure projects to achieve or maintain compliance with the Act requirements. Hawaii DWSRF activities support EPA Program Reporting Code 201B81E. Every summer, Hawaii and EPA negotiate Hawaii's Strategic Plan

commitments for the State Fiscal Year starting July 1. Hawaii's commitments for SFY 2020 will be submitted by late-May 2019.

STRATEGIC PLAN GOAL 1: CORE MISSION: DELIVER REAL RESULTS TO PROVIDE AMERICANS WITH CLEAN AIR, LAND, AND WATER, AND ENSURE CHEMICAL SAFETY⁷

STRATEGIC PLAN OBJECTIVE 1.2: PROVIDE FOR CLEAN AND SAFE WATER – Ensure waters are clean through improved water infrastructure and, in partnership with states and tribes, sustainably manage programs to support drinking water, aquatic ecosystems, and recreational, economic, and subsistence activities.

All planned and prior year 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 EPA Strategic Plan will be included in the DWSRF Annual Report due to EPA on October 1st of each year. A summary of loan activity for the fiscal year will be included in the report as well as details for each project. Project details will include a brief description and benefit of the project, project number, dollar amount and population served for projects financed, and the interest rate for each loan.

⁷ FY2018-2022 EPA Strategic Plan at <https://www.epa.gov/sites/production/files/2018-02/documents/fy-2018-2022-epa-strategic-plan.pdf>.

APPENDIX A - DWSRF PRIORITY LIST OF PROJECTS FOR SFY 2020

APPENDIX A - DWSRF PRIORITY LIST OF PROJECTS FOR SFY 2020

Priority Rank	Project Number	Borrower	Project Name	Population	Estimated Eligible Amount (\$)	Estimated Start Date
1	HDWS-PF20	Hawaii Department of Water Supply	Hawaii DWS Pro-Fi SFY 2020	193,680	4,000,000.00	7/1/2019
2	P-DW156-0002	Hawaiian Shores Association	HSCA Water Line Capacity Improvement	1,310	900,000.00	1/1/2020
3	P-DW156-0003	Hawaiian Shores Association	HSCA Water Lateral Replacement	1,310	125,000.00	1/1/2020
4	P-DW437-0001	Moloaa Irrigation Cooperative	0.5 MG Tank Replacement	47	1,250,000.00	SFY 2020
5	P-DW156-0001	Hawaiian Shores Association	HSCA Backup Generator	1,310	75,000.00	7/15/2019
6	P-DW248-0001	Kawela Plantation Homeowners Association	Replacement Distribution Line	553	200,000.00	SFY 2020
7	P-DW437-0002	Moloaa Irrigation Cooperative	Distribution System Improvements	47	2,500,000.00	SFY 2020
8	P-DW248-0002	Kawela Plantation Homeowners Association	New Well Source	553	3,260,000.00	SFY 2020
9	HBWS-PF20	Honolulu Board of Water Supply	Honolulu BWS Pro-Fi SFY 2020	986,999	15,000,000.00	7/1/2019
10	P-DW248-0003	Kawela Plantation Homeowners Association	Smart Metering Including Billing Software	553	61,745.00	SFY 2020
11	P-DW248-0005	Kawela Plantation Homeowners Association	Energy Audit & Renewable Energy Study (New Source)	553	40,000.00	SFY 2020
12	P-DW168-0004	Keopu Water Association	Keopu Water System Improvements	250	200,000.00	SFY 2020
13	P-DW437-0003	Moloaa Irrigation Cooperative	SCADA Relocation and Solar Power for Controls	47	100,000.00	SFY 2020
14	P-DW437-0004	Moloaa Irrigation Cooperative	SCADA Controls	47	6,000.00	SFY 2020
15	DW213-0018	Maui Department of Water Supply	Pookela Well B - Development	29,868	4,000,000.00	SFY 2020
16	DW331-0043	Honolulu Board of Water Supply	Diamond Head Water System Improvements, Part II	4,386	4,900,000.00	SFY 2020
17	P-DW243-0001	Hana Water Systems LLC	Kaeleku Tank Replacement	160	1,000,000.00	6/30/2019
18	DW130-0009	Hawaii Department of Water Supply	Waikoloa Reservoir No. 1 Earthquake Repairs	9,480	14,000,000.00	SFY 2020
19	P-DW303-0001	Kunia Village Title Holding Corp.	Kunia Village Water System Upgrades	650	1,700,000.00	SFY 2020
20	DW214-0017	Maui Department of Water Supply	Mahinahina WTP Backwash Tank	20,065	1,500,000.00	SFY 2020
21	DW214-0014	Maui Department of Water Supply	West Maui Well Development	20,065	4,250,000.00	SFY 2020

**APPENDIX A.1 – SUB-PROJECTS LIST FOR HDWS-PF20
HAWAII DWS PRO-FI SFY 2020**

APPENDIX A.1 – SUB-PROJECTS LIST FOR HDWS-PF20 HAWAII DWS PRO-FI SFY 2020

Sub-Project No.	PWS Name	Project Title	Service Population	Estimated Start Date	Estimated Total Cost (\$)
C-18-01	North Kona	North Kona Well Ph. 1	28,971	3/31/2018	1,300,000.00
C-18-02	North Kona	Waiaha Transmission Waterline Improvements (Mamalahoa Highway)	28,971	1/31/2018	1,500,000.00
C-18-03	North Kona	Hualalai Deepwell Repair	28,971	12/31/2017	500,000.00
C-18-04	North Kona	Palani Deepwell Repair	28,971	1/31/2018	500,000.00
C-18-05	North Kona	Keopu Deepwell Repair	28,971	2/28/2018	500,000.00
C-18-06	Papaikou	Papaikou Pipeline Replacement Ph. 1 & 2	2,176	12/31/2017	6,000,000.00
C-18-07	Olaa-Mt. View	Olaa #6 Deepwell Repair	6,394	SFY 2018	250,000.00
C-18-08	South Hilo	Piihonua #1 Deepwell C Repair	38,885	SFY 2018	450,000.00
C-18-09	North Kohala	Hawi #2 Deepwell Repair	4,836	SFY 2018	200,000.00
C-18-10	Lalamilo	Parker #1 Deepwell Repair	1,868	SFY 2018	450,000.00
C-18-11	Lalamilo	Parker #2 Deepwell Repair	1,868	SFY 2018	632,000.00
C-18-12	South Kohala	Waimea Deepwell Repair	9,480	SFY 2018	55,700.00
C-18-14	North Kona	Waiaha Deepwell Repair	28,971	SFY 2018	715,000.00
C-18-15	North Kona	Kalaoa Deepwell Repair	28,971	SFY 2018	987,635.00
C-18-16	North Kona	Honokohau Deepwell Emergency Repair	28,971	SFY 2018	401,620.00
C-18-17	South Hilo	Kaieie Mauka Facility Improvements	38,885	SFY 2018	2,000,000.00
C-18-18	HOVE	Hawaiian Ocean View Estates Deepwell Emergency Repair	1,000	SFY 2018	132,000.00
C-19-01	North Kohala	Kaauhuhu Reservoir Replacement ¹⁰	4,836	SFY 2020	1,500,000.00
C-19-02	Lalamilo	Lalamilo 10MG Reservoir (Planning and Design) ⁸	1,868	SFY 2019	1,000,000.00
C-19-03	Islandwide	Deepwell Repairs Islandwide	193,680	SFY 2019	1,000,000.00
C-19-04	Olaa-Mountain View	Olaa #3 Well B Phase I	6,394	SFY 2019	1,200,000.00
C-19-05	North Kona	North Kona Mid-Elevation Deepwell Phase I	28,971	SFY 2019	1,500,000.00
C-19-06	North Kona	Kahaluu Shaft Inclined Lift Replacement	28,971	SFY 2019	1,465,000.00

⁸ Finished water reservoir.

Sub-Project No.	PWS Name	Project Title	Service Population	Estimated Start Date	Estimated Total Cost (\$)
C-19-07	Olaa-Mountain View	Olaa #3 Deepwell Repair	6,394	SFY 2019	462,600.00
C-19-08	Lalamilo	Lalamilo D Deepwell Repair	1,868	SFY 2019	259,000.00
D-19-01	North Kona	Waiaha Source Development - Site Selection and Exploratory Phase	28,971	SFY 2019	1,000,001.00
D-19-02	South Kohala	Waimea Water Treatment Plant 5.0 MG Clearwell Reservoir ⁹	9,480	SFY 2019	500,000.00
DW101-0002	Hilo	Puainako Street Waterline Replacement	38,885	SFY 2020	2,000,000.00
DW106-0002	Pepeekeo	Pepeekeo Waterline Replacement	1,442	SFY 2021	1,000,000.00
DW108-0001	Waiohinu-Naalehu	Waiohinu Well, Phase 1	2,832	SFY 2021	1,000,000.00
DW112-0002	Olaa-Mountain View	Milo Street Water System Improvements	6,394	SFY 2019	1,000,000.00
DW112-0003	Olaa-Mountain View	Hay Subdivision Waterline Replacement	6,394	SFY 2020	120,000.00
DW129-0003	North Kohala	Halaula Well Development Phase 2	4,836	Mar-18	7,000,000.00
DW130-0006	North Kohala	Beers Road Waterline Replacement	4,836	SFY 2022	500,000.00
DW130-0007	South Kohala	Ranchers Subdivision Waterline Replacement	9,480	SFY 2021	100,000.00
DW130-0008	South Kohala	Waikoloa Reservoir No. 1 Earthquake Damage Repairs ¹¹	9,480	Aug-17	5,000,000.00
DW131-0001	North Kona	Holua Road Waterline Replacement	28,971	SFY 2021	500,000.00
DW160-0001	Lalamilo	Puako Waterline Replacement	1,868	Mar-18	2,000,000.00
DW161-0003	Haina	Honokaa Camp 10 Reservoir Replacement ¹²	4,487	SFY 2021	1,500,000.00
DW161-0004	Haina	Honokaa Camp 8 Waterline Replacement	4,487	SFY 2020	500,000.00

⁹ Reservoir is on treatment plant site.

¹² Finished water reservoir.

**APPENDIX A.2 – SUB-PROJECTS LIST FOR HBWS-PF20
HONOLULU BWS PRO-FI SFY 2020**

APPENDIX A.2 – SUB-PROJECTS LIST FOR HBWS-PF20 HONOLULU BWS PRO-FI SFY 2020

Sub-Project No.	PWS Name	Project Title	Service Population	Estimated Start Date	Estimated Total Cost (\$)
C-17-13	Honolulu-Windward-Pearl Harbor	Keanu Line Booster: Replace Pumping Units	630,266	Aug-16	2,157,455.00
C-17-14	Honolulu-Windward-Pearl Harbor	Kalihi Pump Station Low and High Service Renovation	630,266	Oct-16	10,108,495.56
C-17-16	Honolulu-Windward-Pearl Harbor	Diamond Head Line Booster: Replace Pumping Units	630,266	SFY 2017	4,470,087.97
C-17-17	Honolulu-Windward-Pearl Harbor	Halawa Wells and Booster No. 2: Replacement of Pumping Units	630,266	SFY 2017	2,895,519.42
C-17-19	Honolulu-Windward-Pearl Harbor	Moanalua Wells: Replacement of Pump No. 1	630,266	SFY 2018	1,610,000.00
C-19-04	Honolulu-Windward-Pearl Harbor	Lunalilo Home Road Water System Improvements	630,266	SFY 2019	6,370,000.00
C-19-05	Honolulu-Windward-Pearl Harbor	Renovate/Replace Reservoir Altitude Valve Assemblies - Makiki & Waialae Iki 180 Reservoir	630,266	SFY 2020	2,000,000.00
C-19-06	Mililani	Mililani Wells II Improvements	50,420	SFY 2018	385,000.00
C-19-10	Honolulu-Windward-Pearl Harbor	Pearl City Wells I Renovation	630,266	SFY 2018	1,688,919.00
C-19-11	Honolulu-Windward-Pearl Harbor	Pearl City Wells II System Improvements	630,266	SFY 2018	1,028,004.00
C-19-12	Honolulu-Windward-Pearl Harbor	Pipeline Tunnel Renovations at Various Locations	630,266	SFY 2018	7,500,000.00
C-19-13	Honolulu-Windward-Pearl Harbor	Punaluu Wells II Renovation	630,266	SFY 2018	8,879,000.00
C-19-14	Honolulu-Windward-Pearl Harbor	Punanani Wells MCC Replacement	630,266	SFY 2018	3,048,551.00
C-19-16	Wahiawa	Wahiawa Water System Improvements, Part IV	23,257	SFY 2022	10,000,000.00
C-19-17	Honolulu-Windward-Pearl Harbor	Waialae Iki Well Renovation	630,266	SFY 2018	1,117,197.00
C-19-18	Honolulu-Windward-Pearl Harbor	Waihee Line Booster: Replace Pumping Units	630,266	SFY 2021	4,350,000.00
C-19-22	Honolulu-Windward-Pearl Harbor	Kamehameha Heights Water System Improvements, Part III	630,266	SFY 2020	5,500,000.00
C-19-23	Waipahu-Ewa-Waianae	Makakilo Water System Improvements, Part III	210,683	SFY 2020	6,150,000.00
C-19-24	Honolulu-Windward-Pearl Harbor	Moiiliili Water System Improvements, Part IV	630,266	SFY 2019	3,600,000.00
C-19-28	Honolulu-Windward-Pearl Harbor	Pearl City Wells II System Improvements	630,266	SFY 2017	3,200,000.00
C-19-29	Honolulu-Windward-Pearl Harbor	Pipeline Tunnel Renovations at Various Locations	630,266	SFY 2019	1,100,000.00
C-20-06	Honolulu-Windward-Pearl Harbor	Kalihi Water System Improvements, Part VI	630,266	SFY 2022	6,300,000.00
C-20-07	Honolulu-Windward-Pearl Harbor	Keolu Hills Water System Improvements, Part II	630,266	SFY 2021	4,400,000.00
C-20-09	Honolulu-Windward-Pearl Harbor	North School Street Water System Improvements	630,266	SFY 2022	8,000,000.00
C-20-11	Honolulu-Windward-Pearl Harbor	Pearl City Water System Improvements, Part IV	630,266	SFY 2021	9,100,000.00

Sub-Project No.	PWS Name	Project Title	Service Population	Estimated Start Date	Estimated Total Cost (\$)
C-21-01	Honolulu-Windward-Pearl Harbor	Kalama Valley Water System Improvements, Part II	630,266	SFY 2021	4,500,000.00
D-17-01	Honolulu-Windward-Pearl Harbor	Kalihi Pump Station Low and High Service Renovation	630,266	7/1/2013	1,006,527.93
D-17-02	Honolulu-Windward-Pearl Harbor	Pump Renewal and Replacement for Keanu Line Booster, Maunawili Booster, Mariner's Ridge Booster No. 1 and Aina Koa Booster No. 1	630,266	7/15/2013	1,127,726.00
D-17-03	Honolulu-Windward-Pearl Harbor	Pump Renewal and Replacement: Kaluanui Line Booster, Diamond Head Line Booster, Kaonohi Booster No. 1, Waihee Line Booster, and Punaluu Wells II	630,266	7/16/2013	2,422,927.26
D-17-05	Waipahu-Ewa-Waianae	Kamaile Wells: Drainage Improvements and Control Building Repairs	210,683	7/22/2013	333,315.50
D-17-07	Honolulu-Windward-Pearl Harbor	Pearl City Wells II Isolation Valves	630,266	5/1/2015	272,407.00
D-17-08	Honolulu-Windward-Pearl Harbor	Waialae Iki Well Renovation	630,266	5/1/2015	150,405.06
D-17-09	Honolulu-Windward-Pearl Harbor	Renovate/Replace Reservoir Altitude Valve Assemblies - Makiki & Waialae Iki 180 Reservoir	630,266	6/9/2015	361,334.49
D-17-10	Mililani	Mililani Wells II Improvements	50,420	6/23/2015	118,060.00
D-17-11	Honolulu-Windward-Pearl Harbor	Pearl City Wells I Renovation	630,266	7/1/2015	237,948.00
D-17-12	Honolulu-Windward-Pearl Harbor	Punanani Wells Motor Control Center Replacement	630,266	8/7/2015	387,536.00
D-17-14	Honolulu-Windward-Pearl Harbor	Halawa Wells and Booster No. 2: Replacement of Pumping Units	630,266	SFY 2017	294,994.00
DW331-0044	Honolulu-Windward-Pearl Harbor	Anoi Road Water System Improvements	630,266	SFY 2018	6,200,000.00
M-17-06	Honolulu-Windward-Pearl Harbor	Kapiolani Blvd 12-Inch Main CM	630,266	2/20/2014	1,130,474.64

APPENDIX B - DWSRF PROJECT RATING CRITERIA

APPENDIX B - DWSRF PROJECT RATING CRITERIA

SUMMARY OF THE PROJECT PRIORITIZATION MODEL

Calibration Methodology – 300 total points, four sections

SECTION	% OF BASE POINTS	POINTS INCLUDED
Drinking Water Quality & Public Health	40%	120 ⁱ
Affordability	33%	100
Compliance and Enforcement	17%	50
Sustainability/Resiliency	10%	30
TOTAL	100%	300 possible

PRIORITY SCORING MODEL

SECTION I: DRINKING WATER QUALITY & PUBLIC HEALTH	120 POSSIBLE
Project addresses a documented waterborne disease outbreak associated with the system within the last 24 months	30
Project corrects or prevents violations of MCLs (primary standards) ⁱⁱ <ul style="list-style-type: none"> • Nitrate, nitrite, TCR • Microorganisms (Giardia lamblia, Cryptosporidium, Legionella) • Disinfection byproducts (TTHMs, HAA5) • Other regulated contaminants 	25 15 10 5
*points are additive in this section	
Project corrects or prevents inadequate treatment techniques that are unable to satisfy the requirements for <ul style="list-style-type: none"> • Surface water • GWUDI • Groundwater • Lead and Copper Rule 	15
Project corrects exceedances of secondary drinking water standards (aesthetics – color, smell, etc.)	5
Project will correct or prevent: <ul style="list-style-type: none"> • Inadequate distribution due to system deterioration (e.g., experiencing multiple line breakages) or loss of supply • Inadequate distribution due to chronic low pressure • Inadequate storage (either through capacity or condition of tank) 	15 10 5

SECTION II: AFFORDABILITYⁱⁱⁱ	100 POSSIBLE
Poverty level in project area <ul style="list-style-type: none"> • >20% • 15%- 91.99% • 10% - 14.99% • 5% -9.99% • <5% 	40 30 20 10 0
User Fees (proposed annual average residential fees/area MHI) ^{iv} <ul style="list-style-type: none"> • Rates are >2.0% of service area’s MHI • Rates are between 1.5% and 2% of the service area’s MHI • Rates are between 1% and 1.49%of the service area’s MHI • Rates are between 0.5% and 0.99% of the service area’s MHI • Rates are <0.5% of the service area’s MHI 	30 20 10 5 0
Unemployment in project area <ul style="list-style-type: none"> • >15% • Between 10% - 14.99% • Between 6% - 9.99% • Between 3% - 5.99% • <3% 	30 20 10 5 0

SECTION III: COMPLIANCE AND ENFORCEMENT	50 POSSIBLE
Project addresses an enforcement action by DOH and the facility is currently in violation of SDWA limitations.	50
Project addresses a facility’s voluntary efforts to resolve a possible violation and will mitigate the issuance of an enforcement action.	25
System is currently meeting all requirements.	15

SECTION IV: SUSTAINABILITY AND RESILIENCY	30 POSSIBLE
<p>Project promotes sustainable utilities and/or communities through a utility management plan that:</p> <ul style="list-style-type: none"> • Secures a replacement fund for the rehabilitation and replacement of aging and deteriorating infrastructure as needed • Provides sufficient revenues to meet O&M and capital needs • Demonstrates that the facility has maintained licensed/certified operators, adequate staffing to properly operate and maintain the facility and will continue to do so • Incorporates a fix-it-first planning methodology <p>*Points are additive in this section</p>	5 pts each
<p>Project addresses climate resiliency by incorporating one or more of the following:</p> <ul style="list-style-type: none"> • Installation of physical barriers • Equipment hardening/waterproofing • Prevention of salt water damage • Water efficiency, conservation and/or reuse • Drought mitigation measures^v • Energy Efficiency/Neutrality • Emergency Response and Recovery Planning 	5
<p>Project incorporates wet weather management by implementing green infrastructure systems at utility structures and surrounding footprint</p>	5

NOTES:

ⁱ Violations of more than one contaminant are additive, which may result in significant exceedances of the total base points. This structure captures needs for repeat violations and provides indicators for both chronic and acute health hazards. This section is the most heavily weighted of the five sections included in the scoring model.

ⁱⁱ This accommodates repeat violations and provides indicators for both chronic and acute health hazards.

ⁱⁱⁱ Affordability data sets are based on Census Tract data 2012-2016.

^{iv} Average water bill for HBWS customer using 13,000 gpm is \$47.74 (accounting for cost of inflation) per <http://www.boardofwatersupply.com/cssweb/display.cfm?sid=2198>.

^v Includes leak detection programs, conservation pricing, interconnections between utilities, drilling new wellheads, emergency water distribution, aquifer storage and recovery.

**APPENDIX C - FFY 2019 FEDERAL CAPITALIZATION GRANT PAYMENTS
AND DISBURSEMENT SCHEDULE FOR FFYS 2020 AND 2021**

APPENDIX C
FFY 2019 FEDERAL CAPITALIZATION GRANT PAYMENTS AND
DISBURSEMENT SCHEDULE FOR FFYs 2020 AND 2021

FFY	Quarter	Application for EPA Loan Payments	Application for Set Asides Payments (including in-kind services)	Set Asides, In-Kind Services, and Fee Disbursements	DWSRF Loan Disbursements (including Cap Grant, State Match, & Repayments & Investment Interest) **
2020	1	\$0.00	\$595,175.00	\$1,092,489.00	\$4,730,129.00
2020	2	\$8,138,000.00	\$595,175.00	\$1,072,489.00	\$3,137,985.00
2020	3	\$0.00	\$595,175.00	\$1,072,489.00	\$25,327,885.00
2020	4	\$0.00	\$595,175.00	\$78,775.00	\$5,197,063.00
2021	1	\$0.00	\$121,325.00	\$78,775.00	\$6,510,763.00
2021	2	\$0.00	\$121,325.00	\$78,775.00	\$5,377,022.00
2021	3	\$0.00	\$121,325.00	\$78,775.00	\$2,032,473.00
2021	4	\$0.00	\$121,325.00	\$78,775.00	\$6,762,835.00
Sub Total		\$8,138,000.00	\$2,866,000.00	\$3,631,342.00	\$59,076,155.00
Totals		\$11,004,000.00		\$62,707,497.00	

** from 2019-05-13 DWSRF FOCUS Model.xlsm Quarterly CF Tab Row 45 = Total Disbursements to Borrowers ⇔ LGTS Tab
Columns M & N = Actual and Proposed to Disburse.

HAWAII AUTHORITY REQUEST BY SET-ASIDE CODE

FFY	DATE	Amount	Description	Site Code
20Q1	October 1, 2019	\$ 100,000.00	1/5% Net Assets	DD
20Q1	October 1, 2019	\$ 25,000.00	2% SSTA	DE
20Q1	October 1, 2019	\$ 275,100.00	10% PWSS	DF
20Q1	October 1, 2019	\$ 195,075.00	15% Local	DG
20Q2	January 1, 2020	\$8,138,000.00	Loan Fund	DA
20Q2	January 1, 2020	\$ 100,000.00	1/5% Net Assets	DD
20Q2	January 1, 2020	\$ 25,000.00	2% SSTA	DE
20Q2	January 1, 2020	\$ 275,100.00	10% PWSS	DF
20Q2	January 1, 2020	\$ 195,075.00	15% Local	DG
20Q3	April 1, 2020	\$ 100,000.00	1/5% Net Assets	DD
20Q3	April 1, 2020	\$ 25,000.00	2% SSTA	DE
20Q3	April 1, 2020	\$ 275,100.00	10% PWSS	DF
20Q3	April 1, 2020	\$ 195,075.00	15% Local	DG
20Q4	July 1, 2020	\$ 100,000.00	1/5% Net Assets	DD
20Q4	July 1, 2020	\$ 25,000.00	2% SSTA	DE
20Q4	July 1, 2020	\$ 275,100.00	10% PWSS	DF
20Q4	July 1, 2020	\$ 195,075.00	15% Local	DG
21Q1	October 1, 2020	\$ -	1/5% Net Assets	DD
21Q1	October 1, 2020	\$ 25,000.00	2% SSTA	DE
21Q1	October 1, 2020	\$ -	10% PWSS	DF
21Q1	October 1, 2020	\$ 96,325.00	15% Local	DG
21Q2	January 1, 2021	\$ -	1/5% Net Assets	DD
21Q2	January 1, 2021	\$ 25,000.00	2% SSTA	DE
21Q2	January 1, 2021	\$ -	10% PWSS	DF
21Q2	January 1, 2021	\$ 96,325.00	15% Local	DG
21Q3	April 1, 2021	\$ -	1/5% Net Assets	DD
21Q3	April 1, 2021	\$ 25,000.00	2% SSTA	DE
21Q3	April 1, 2021	\$ -	10% PWSS	DF
21Q3	April 1, 2021	\$ 96,325.00	15% Local	DG
21Q4	July 1, 2021	\$ -	1/5% Net Assets	DD
21Q4	July 1, 2021	\$ 25,000.00	2% SSTA	DE
21Q4	July 1, 2021	\$ -	10% PWSS	DF
21Q4	July 1, 2021	\$ 96,325.00	15% Local	DG
	FFY 2019	\$ 10,518,700.00		
	FFY 2020	\$ 485,300.00		
		\$ 11,004,000.00	ok	

APPENDIX D - NOTICE OF PUBLIC PARTICIPATION & INPUT

APPENDIX D

NOTICE OF PUBLIC PARTICIPATION & INPUT

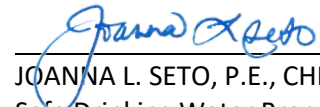
I. Public Notice Activity

Pursuant to 40 CFR 35.3150, a notice of public participation and input was published on the Department of Health's website (<http://health.hawaii.gov/sdwb/drinking-water-state-revolving-fund/>) on May 28, 2019 to consider the proposed *Drinking Water Treatment Revolving Fund Intended Use Plan (IUP) for The State of Hawaii Fiscal Year (SFY) 2020 and The Federal Fiscal Year (FFY) 2019 Appropriation*. The public comment period was established from May 28, 2019 to June 27, 2019.

Evidence of the publication of the public notice is on-file in the Safe Drinking Water Branch office at Uluakupu Building 4, 2385 Waimano Home Road, Suite 110, Pearl City, Hawaii 96782-1400.

II. Summary

The solicitation of public participation and input for this Intended Use Plan did not produce responses which any required changes.



JOANNA L. SETO, P.E., CHIEF
Safe Drinking Water Branch

State of Hawaii
Notice of Public Participation and Input on the Proposed
Drinking Water Treatment Revolving Loan Fund (DWTRLF)
Intended Use Plan (IUP) for the State of Hawaii Fiscal Year (SFY) 2020 and
The Federal Fiscal Year (FFY) 2019 Appropriation
(Docket No. 19-SDWB-SRF-03)

Pursuant to Chapters 342 and 91, Hawaii Revised Statutes; Section 101(e) of Public Law 92-50; and the U.S. Environmental Protection Agency Regulations, 40 CFR 35.2015; notice is hereby given that a public comment period is being initiated to allow public participation and input on the Intended Use Plan for SFY 2020.

The U.S. Environmental Protection Agency provides grants to the State of Hawaii annually to construct drinking water facilities and support other drinking water program activities. During SFY 2020, approximately \$11,004,000.00 is expected to be allocated to the State of Hawaii. To utilize the federal and matching state revolving funds, proposed projects must be prioritized and listed in the *DWSRF Priority List of Projects for SFY 2020* (Appendix A of the Intended Use Plan).

Upon written request, a public hearing may be scheduled. Requests for a public hearing must be received by the Safe Drinking Water Branch by **June 27, 2019**. If a public hearing is deemed appropriate, a second public notice will be published with the date, time and location of the public hearing.

Information regarding the Intended Use Plan may be obtained by calling or writing to the Safe Drinking Water Branch Oahu address noted below. If, due to disability, you have special needs for commenting on the proposed Intended Use Plan, please contact the Safe Drinking Water Branch Oahu address noted below or call (808) 586-4258 (voice) by **June 27, 2019**.

Oahu

Safe Drinking Water Branch/Hawaii DOH
Uluakupu Building 4
2385 Waimano Home Road, Suite 110
Pearl City, Hawaii 96782-1400
Telephone: (808) 586-4258
Contact: Joan Corrigan