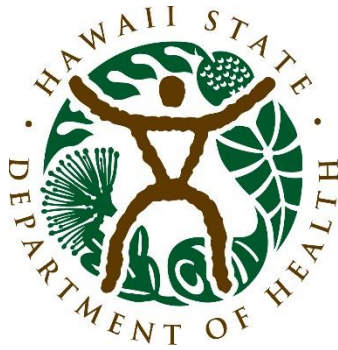


State of Hawaii  
Water Pollution Control Revolving Fund  
also known as the  
Clean Water State Revolving Fund (CWSRF)

**Amendment 1**  
to the Intended Use Plan  
for State Fiscal Year (SFY) 2019  
and Federal Fiscal Year (FFY) 2018 Appropriation



Submitted to the  
U.S. Environmental Protection Agency (EPA)  
Region IX

Prepared by the  
State of Hawaii  
Department of Health  
Environmental Management Division  
Wastewater Branch

May 2018

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## Amendment 1 to the IUP for SFY 2019

The Intended Use Plan for SFY 2019 has been amended to reflect the following changes:

- The new project, Ma'alo Landfill Phase I – Design and Permitting, was added to the Project Priority List.
- On the Project Priority List for Project: C150090-07, the DOH will remove eight (8) points for Energy Efficiency or Renewable Energy, decrease the overall Total Points from 33 to 25, and adjust the Priority Ranking on the Project Priority List.

### I. Introduction

Hawaii's Water Pollution Control Revolving Fund (commonly referred to as the Clean Water State Revolving Fund or CWSRF) provides low interest loans to Hawaii's four counties to construct high priority wastewater, stormwater, and non-point source projects. Since its establishment in 1988, the program has issued over \$838.8 million in low interest loans, providing significant savings in interest costs to the counties.

Each year the CWSRF Program is required to prepare an Intended Use Plan (IUP) as part of its request to EPA for an annual capitalization grant. The IUP sets program goals, identifies the intended use of federal and state funds to be provided during the year, and describes how the program will meet requirements of the Federal Fiscal Year (FFY) 2018 Appropriations Act.

### II. FFY 2018 Project Funding Requirements and Project Selection

Hawaii is expected to receive a federal capitalization grant of \$13,500,000 under the FFY 2018 Appropriations Act. The following requirements apply:

1. American Iron and Steel (AIS): Funds made available from the CWSRF may not be used for a project for the construction, alteration, maintenance, or repair of treatment works unless all of the iron and steel products used in the project are produced in the United States. EPA provides AIS national waivers including the use of a de minimis waiver for projects.
2. Fiscal Sustainability Plan (FSP): For applicable CWSRF projects involving repair, replacement, or expansion of a publicly owned treatment works, the recipient of a loan shall develop and implement a FSP or certify that the recipient has developed and implemented a FSP that includes:
  - a. an inventory of critical assets that are a part of the treatment works;
  - b. an evaluation of the condition and performance of inventoried assets or asset groupings;
  - c. a certification that the recipient has evaluated and will be implementing water and energy conservation efforts as part of the plan; and
  - d. a plan for maintaining, repairing, and, as necessary, replacing the treatment works and a plan for funding such activities.
3. Cost and Effectiveness Analysis: For applicable CWSRF projects, the recipient of a loan shall certify that the recipient:

- a. has studied and evaluated the cost and effectiveness of the processes, materials, techniques, and technologies for carrying out the proposed project or activity for which assistance is sought under this title; and
  - b. has selected, to the maximum extent practicable, a project or activity that maximizes the potential for efficient water use, reuse, recapture, and conservation, and energy conservation, taking into account:
    - i. the cost of constructing the project or activity;
    - ii. the cost of operating and maintaining the project or activity over the life of the project or activity; and
    - iii. the cost of replacing the project or activity.
4. Green Project Reserve (GPR): To the extent that there are sufficient eligible project applications, not less than 10% of the capitalization grant shall be used by the state for projects to address green infrastructure, water or energy efficiency improvements, or other environmentally innovative activities. This amounts to a minimum of \$1,350,000 to be allocated to the GPR. Table 1 shows how this requirement will be met.
  5. Additional Subsidization: The Hawaii CWSRF program will provide 10% of the capitalization grant as additional subsidization (ad sub) for the FFY 2018 Appropriation, as required. This amounts to \$1,350,000 to be allocated for ad sub.
  6. Davis-Bacon: The Davis-Bacon Act shall apply to any construction of treatment works carried out in whole or in part with assistance made available by the CWSRF. The Hawaii CWSRF Program will continue to implement Davis-Bacon requirements with the exception provided by the *Class Deviation - Prevailing Wage Interview Requirement in Clean Water and Drinking Water State Revolving Funds (CWSRF and DWSRF) Capitalization Grants* memorandum of November 16, 2012. This waives the requirement for wage interviews to be conducted within the first two weeks of the start of construction.
  7. Reporting: The Hawaii CWSRF Program will continue its quarterly reporting in the CWSRF Benefits Reporting (CBR) system. Reporting will be done on GPR, Federal Funding Accountability and Transparency Act (FFATA) requirements, and environmental benefits from new projects per the EPA Order on Environmental Benefits. This information will also be included in the Annual Report, as well as the "two-pager" reports on environmental benefits.
  8. Cash Draw Ratio: In accordance with EPA Office of Water Memorandum 13-04 (September 30, 2013), the CWSRF 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 CWSRF may draw funds from the capitalization grant at a ratio of 100% of the disbursement amount.
  9. Other Federal Requirements: Other federal requirements apply in an amount equal to the capitalization grant. These requirements are:

- a. Single audit Act (OMB 2 CFR 200, Subpart F)
  - b. Disadvantaged Business Enterprise (DBE) compliance
  - c. Federal environmental crosscutters
10. Disadvantaged Communities: Congress has requested that states direct subsidies to disadvantaged communities. In the past, the CWSRF has funded projects such as the closure of large capacity cesspools servicing relatively low-income or sparsely populated areas and will continue to do so.
  11. Affordability Criteria: The Hawaii CWSRF program established its affordability criteria on September 30, 2015. The affordability analysis included the applicant's income, unemployment data, population trends, and other data determined relevant by the Hawaii CWSRF program. The affordability criteria will not singly determine nor guarantee whether the Hawaii CWSRF program will enter into a binding commitment for an additional subsidization with an applicant.
  12. Signage: From the FFY 2015 SRF capitalization grant and each year thereafter, the Hawaii CWSRF program must comply with EPA's SRF Signage Guidelines in order to enhance public awareness of EPA assistance agreements nationwide. The Hawaii CWSRF program will ensure compliance of EPA's Signage policy is met for State Fiscal Year (SFY) SFY 2019.
  13. Architectural and Engineering (A/E) Services Procurement: The Hawaii CWSRF program may fund A/E projects that receive the capitalization grants. An Attorney General's certification, which certifies that using Hawaii Revised Statutes Chapter 103D - The State of Hawaii Public Procurement Code is equivalent to 40 USC 1101 *et seq.* will be provided with our capitalization grant application for SFY 2019.
  14. The Hawaii CWSRF Program's definition of a Treatment Works is the following:  
Treatment works means any treatment unit and its associated collection system and disposal system, excluding non-point source and individual wastewater systems. Treatment unit means any plant, facility, or equipment used in the treatment of wastewater, including the necessary pumps, power equipment, blowers, motors, holding tanks, flow splitter, and other process equipment.

Projects that do not fall under this definition are not required to comply with the Section 106 *National Historic Preservation Act* review and consultation process and AIS and Davis Bacon requirements.

*Table 1* lists projects that Hawaii CWSRF plans to fund in SFY 2019. Although other projects may have a higher ranking, those projects are not ready to proceed at this time.

**Table 1: CWSRF Projects to be Funded in SFY 2019**

Project No./ Subrecipient/ Project Name	Rank	Planned Binding Commitment	Estimated Loan Amount	GPR/ Ad Sub	FFATA
<u>48-07: Honolulu-ENV</u> Sand Island WWTP - UV Disinfection and Effluent Pump Station Odor Control System	59	8/15/2018	\$ 9,192,961		\$ 9,192,961
<u>51-78: Honolulu-ENV</u> Honouliuli Influent Pump Station Odor Control System	60	8/15/2018	\$ 8,827,000		\$ 8,827,000
<u>77-16, Maui</u> South Maui Recycled Water System Expansion (2nd Tank)	21	9/15/2018	\$ 6,500,000	\$ 6,500,000 water reuse	
<u>47-09: Kauai</u> Waimea R-1 Wastewater Distribution System Upgrades	75	9/15/2018	\$ 3,000,000		
<u>NPS47-12: Kauai</u> Kekaha Landfill Lateral Expansion Cell 2 (Construction) [Supplemental 1]	17	10/15/2018	\$ 18,339,901		
<u>51-76: Honolulu-BWS</u> Honouliuli Water Recycling Facility R-1 Pre-Treatment and UV Disinfection Improvements	20	11/15/2018	\$ 8,110,984	\$ 8,110,984 energy efficiency	
<u>48-06: Honolulu-ENV</u> Dowsett Highland Relief Sewer (Requested \$80,000,000)	15	12/15/2018	\$ 53,912,954		
<u>51-80: Honolulu-ENV</u> Honouliuli WWTP Secondary Treatment Phase 1A - Sludge Drying and Related Facilities (Requested \$90,000,000)	5	2/15/2019	\$ 35,000,000		
<u>51-81: Honolulu-ENV</u> Honouliuli WWTP Secondary Treatment Phase 1B - Secondary Compliance Facilities (Requested \$293,000,000)	3	5/15/2019	\$ 30,000,000		
		<b>TOTAL</b>	<b>\$ 172,883,800</b>	<b>\$ 14,610,984</b>	<b>\$ 18,019,961</b>

### III. Long-Term and Short-Term Goals

The Hawaii CWSRF Program has developed long-term and short-term goals, listed in *Table 2* and *Table 3*, respectively.

**Table 2: Long-Term Goals**

1. Provide financial assistance for eligible projects that protect Hawaii's public health; correct surface water quality impairment; eliminate or prevent ground water contamination; control point and non-point pollution sources; promote water reuse, energy efficiency and sustainability; and achieve compliance with federal and state water quality standards.
2. Ensure fiscal soundness and perpetuity of the CWSRF.

**Table 3: Short-Term Goals**

1. Promote water reuse, energy efficiency, and/or other innovative environmental projects.
2. Reduce all unliquidated loan obligations.
3. Provide loans with competitive interest rates while still assuring the program's perpetuity.
4. Revisit standard operating procedures to improve program efficiency.
5. Prepare a strategic outreach/marketing plan and project planning process and procedures to address the slow rate of readiness by assistance recipients to enter into commitment agreements, and to establish a sustainable pipeline of projects.

### IV. Project Eligibility and Selection

CWSRF project funding is available for public facilities and systems owned by a state or county government agency. Projects eligible for funding must be listed on the current Project Priority List (Appendix B – Hawaii – Project Priority List for SFY 2019). All projects scheduled for CWSRF funding will be reviewed for consistency with appropriate plans developed under Sections 208, 303(e), and 419 of the Act.

The Water Resources Reform and Development Act of 2014 amendments expanded the CWSRF project eligibilities. The CWSRF Program will be evaluating the feasibility to include land purchase, privately owned systems, and decentralized wastewater treatment system projects to the program.

Storm water discharges from municipal separate storm sewer systems (MS4) are a major concern in urbanized areas due to the high concentration of pollutants found in these discharges. The Hawaii CWSRF Program provides loan funding for the construction of MS4 projects.

*Table 4* shows the types of project that are eligible for CWSRF funding.

**Table 4: Project Eligible for CWSRF Funding**

<ol style="list-style-type: none"><li>1. Point Source Projects:<ol style="list-style-type: none"><li>a. New, expanded, or rehabilitated wastewater treatment plants.</li><li>b. Publicly-owned water reuse systems and distribution lines.</li><li>c. New or rehabilitated collector, trunk, and interceptor sewers.</li><li>d. Sludge reuse, treatment, and disposal facilities.</li><li>e. Septage handling, marine vessel pump out, and treatment facilities.</li></ol></li> <li>2. Non-Point Source (NPS) Projects:<ol style="list-style-type: none"><li>a. Watershed planning/assessment or implementation of projects needed to restore NPS impaired waters.</li><li>b. Cesspool replacement with septic tanks, aerobic units, constructed wetlands, or treatment plants.</li><li>c. Equipment purchase of street sweepers, catch basin vacuum vehicles, and sediment traps and basins.</li><li>d. Capping and closure of municipal solid waste landfills, landfill reclamation, landfill leachate collection, storage and treatment, and landfill gas collection and control systems.</li><li>e. Brownfield projects involving site assessments, underground storage tank removal and disposal, contaminated soil or sediment removal and disposal, capping wells, soil remediation, controlling stormwater runoff, and monitoring groundwater and surface water for contaminants.</li><li>f. Water quality projects involving leachate and stormwater management at municipal solid waste transfer stations.</li><li>g. Stormwater management projects.</li></ol></li></ol>
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Project selection is based on the project’s priority ranking as well as its readiness to proceed. Hawaii’s project ranking system, shown in Appendix A – CWSRF Project Ranking Criteria, assigns points to potential projects based on various criteria such as whether a project corrects surface water quality impairment, results in energy efficiency, water efficiency, or achieves compliance with a federal or state enforcement issue.

Points for each project are totaled and a *Project Priority List* is compiled (Appendix B – Hawaii – Project Priority List for SFY 2019) listing projects in the order of highest to lowest priority. However, a significant factor in project selection is the project’s readiness to proceed. If a project is high in priority, but not ready to commence, then it may be bypassed.

## **V. Loan Policies**

Projects selected for funding are financed based on no more than the useful life of the project or 30 years, whichever is less. The CWSRF may provide Programmatic Financing loans to interested counties. If there are sufficient CWSRF funds, then 100% of eligible project costs are financed. Projects are subject to an annual interest rate of 0.25% and a semi-annual loan fee of 0.5%. This results in a total loan rate of about 1.25%, which remains fixed over the life of the loan. At the end of each state fiscal year, current rates are evaluated to determine if adjustments are needed.



## VI. Financial Management

Table 5 shows projections for SFY 2019 sources and uses of funds. Included in the fund sources are loan fees, which are classified as either "program" or "non-program". Program loan fees cover activities directly related to administering the Hawaii CWSRF Program such as issuing and servicing loans, engineering support, financial and legal consultation, and reimbursement for relevant services provided by the State. All non-program loan fees that will be collected in SFY 2019 will be used to pay for personnel and operating expenses (e.g. salaries, supplies, travel, equipment, etc.). There will be no excess fees available to fund other activities.

As allowed in accordance with the Federal Water Pollution Control Act (FWPCA) section 603(d)(7), the Hawaii CWSRF Program will be utilizing 1/5 percent per year of the current valuation of the fund to cover administrative expenses for Program activities. The current valuation of the fund is \$515,096,701. For SFY 2019, the CWSRF Program plans to use \$1,030,200 from the fund to cover activities directly related to administering the CWSRF Program.

Non-program loan fees cover various water quality program activities, including operation and maintenance inspections of wastewater pollution control facilities (45%), the recycled water program (5.5%), the bio-solids program (11%), oversight of concentrated animal feeding operations (5.5%), and other water quality program activities (33%).

**Table 5: Source and Uses of SFY 2019 Funds**

<b>SFY 2019 Projected Fund Sources</b>	
Loan funds available, end of SFY 2018	\$ 123,630,000
Federal Capitalization Grant, FFY 2018	\$ 13,500,000
State Match of 20% projected for Feb. 2019	\$ 2,700,000
Loan repayments	\$ 32,082,500
Investment Interest	\$ 913,300
Program Fees	\$ 58,000
Non-Program Fees	\$ 1,561,100
1/5 % of Net Assets	\$ 1,030,200
<b>Total Sources</b>	<b>\$ 175,475,100</b>
<b>SFY 2019 Projected Uses</b>	
Executed Loans	\$ 172,883,800
Administrative Expenses	\$ 2,591,300
<b>Total Uses</b>	<b>\$ 175,475,100</b>

Table 6 shows the capitalization grant payment and disbursement projections based on a grant award date of October 2018, and a state match date of April 2019.

**Table 6: Capitalization Grant Payments and Disbursements**

<b>FFY</b>	<b>Quarter</b>	<b>Period</b>	<b>Application for EPA Payments</b>	<b>ASAP Draws</b>
2019	1	Oct. - Dec. 2018	\$ 13,500,000	\$ -
2019	2	Jan. - Mar. 2019	\$ -	\$ -
2019	3	Apr. - Jun. 2019	\$ -	\$ 13,500,000
2019	4	Jul. - Sep. 2019	\$ -	\$ -
2020	1	Oct. - Dec. 2019	\$ -	\$ -
2020	2	Jan. - Mar. 2020	\$ -	\$ -
2020	3	Apr. - Jun. 2020	\$ -	\$ -
2020	4	Jul. - Sep. 2020	\$ -	\$ -
<b>TOTAL</b>			<b>\$ 13,500,000</b>	<b>\$ 13,500,000</b>

Note: ASAP is the Automated Standard Application for Payments.

**VII. Other Requirements of the Act**

The following commitments are intended to meet specific requirements of the Act:

1. Section 602(a) - Environmental Reviews: The State of Hawaii (State) will conduct environmental reviews in accordance with the State Environmental Review Process Document that was approved by EPA on February 20, 2018.
2. Section 602(b)(2) - State Matching Funds: The State agrees to deposit into the CWSRF from state monies an amount equal to 20 percent of the amount of each EPA grant payment on or before the date on which the State receives each grant award payment.
3. Section 602(b)(3) - Binding Commitments: The State will enter into binding commitments for 120 percent of each quarterly payment within one year after receipt of each quarterly payment.
4. Section 602(b)(4) - Expeditious and Timely Expenditures: The State will expend all funds in the CWSRF in a timely and expeditious manner.
5. Section 602(b)(7) - State Laws and Procedures: The State agrees to expend each quarterly grant payment in accordance with its laws and procedures.
6. Consistency with Planning: The State agrees that it will not provide assistance to any project unless that project complies with all agreements and is consistent with plans developed under Sections 208, 303(e), 319, or 320 of the Act.
7. National Reporting Needs: The State agrees to provide data or information to EPA as required for national reports and Congressional or public inquiries.

## Appendix A – CWSRF Project Ranking Criteria

### Hawaii Department of Health Priority System Policies

#### I. General Policy

The State priority system describes the criteria and method used to rank wastewater pollution control projects considered eligible for SRF funding assistance. The Department of Health (DOH) gives high priority to projects protecting water quality and contributing to the Green Project Reserve and/or sustainability issues such as water reuse, energy efficiency, renewable energy, and environmentally innovative technologies. DOH also funds projects to achieve compliance with enforcement issues and considers the need for the project.

#### II. Project Priority List and Project Selection

The loan applicant submits a *Proposed Project for SRF Funding Form (Form D-1)* (see Figure 1) for each new project to be considered for funding. The applicant provides a project description and checks off all criteria applicable to the project. Each criterion is assigned a specific number of points. Points for each project are totaled and eligible projects are compiled into a *Project Priority List* in the order of the project's ranking, with highest priority going to those projects with the highest number of points.

Generally, proposed projects will be prioritized in the following order:

1. Water quality protection projects that correct surface water quality impairment or eliminate/prevent ground water contamination.
2. Green projects which promote water reuse, energy efficiency, renewable energy, sludge reuse, sustainable infrastructure, and/or environmentally innovative technologies.
3. Enforcement-related projects which are necessary to achieve compliance with a federal or state compliance issue, consent decree, or court order.
4. Project need is also considered. Points are awarded for secondary treatment, sewer rehabilitation, non-point source issues, and stormwater management.

Project selection is based on the project's ranking, the project's readiness to proceed to construction, and the amount of funds available for the particular fiscal year. If additional SRF funds are available later in the fiscal year, projects are selected for funding from the current *Project Priority List*. A project on the list may be bypassed if the project is not ready to proceed when the funding is available.

#### III. Ranking Projects with an Equal Number of Points

In the event that two or more projects have the same number of points, project selection will be based on the following tie-breaking criteria:

1. First criterion: Priority given to the project whose county has not had an SRF project selected for funding. If this applies to more than one county, the second criterion will be used.
2. Second criterion: Project serving the largest population will have priority.

#### **IV. Intended Use Plan**

The Project Priority List and selection of projects intended to be funded are included in the annual Intended Use Plan (IUP), which describes the intended use of federal and state funds available to the program for the upcoming fiscal year.

The IUP is subject to a 30-day public comment period during which time the public is encouraged to participate and comment on the IUP. At the conclusion of the comment period, DOH may revise the IUP as necessary, depending on the comments received. The final IUP is then provided to all loan applicants and to the EPA.

**Figure 1: Proposed Project for SRF Funding Form (Form D-1)**

**PROPOSED PROJECT for SRF FUNDING FORM**  
 State Fiscal Year \_\_\_\_\_

Project Title: \_\_\_\_\_  
 County/Applicant: \_\_\_\_\_  
 Estimated Cost: \$ \_\_\_\_\_ Estimated Start Date: \_\_\_\_\_  
 Project Description:

Place an "X" next to each item that applies. The project description must contain information supporting the applicable items.

1. Water Quality Protection	
<input type="checkbox"/> Corrects surface water quality impairment or eliminates/prevents ground water contamination.	12 pts.
2. Green Infrastructure	
<input type="checkbox"/> a. Water reuse facility providing R1 or R2 water and/or reuse transmission and/or distribution system.	10 pts.
<input type="checkbox"/> b. Energy Efficiency or Renewable Energy: Uses energy efficient components (e.g. motors, pumps, blowers, photovoltaic panels etc.) that reduce energy consumption of a major component by 20% or more; or provides for renewable energy (methane conversion, etc.) or other environmentally innovative technologies (e.g. hydroelectric turbine at outfall line to generate electricity) to reduce energy consumption of the plant or major component by 20% or more.	8 pts.
<input type="checkbox"/> c. Promotes sustainable infrastructure to withstand the effects of rising sea levels due to climate change and provides adaptation for coastline inundation.	7 pts.
<input type="checkbox"/> d. Provides for wastewater sludge reuse.	7 pts.
<input type="checkbox"/> e. Energy audit.	3 pts.
3. Compliance and Enforcement	
<input type="checkbox"/> Project necessary to achieve compliance with federal or state compliance issue, consent decree, or court order.	5 pts.
4. Project Need	
<input type="checkbox"/> a. Secondary treatment for wastewater treatment plant.	4 pts.
<input type="checkbox"/> b. Sewer collection system rehabilitation or replacement, infiltration/inflow correction.	4 pts.
<input type="checkbox"/> c. Large capacity cesspool and landfill liner projects.	4 pts.
<input type="checkbox"/> d. Stormwater equipment, wastewater facilities.	3 pts.

Total Points (for DOH use)	
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Form D-1, revised Dec. 2011

## Appendix B - Hawaii - Project Priority List SFY 2019

Priority Ranking	Project Number	Borrower	Project Name	Estimated Eligible Amount	Points	Estimated Start Date
1	C150059-20	County of Kauai	Lihue WWTP Process Improvements	5,500,000.00	28	1/1/2019
2	C150051-81	City and County of Honolulu - ENV	Honouliuli WWTP Secondary Treatment Phase 1B - Secondary Compliance Facilities	293,000,000.00	27	12/1/2018
3	C150054-51	County of Maui	Lahaina Wastewater Reclamation Facility UV Expansion	6,000,000.00	27	1/1/2022
4	C150051-80	City and County of Honolulu - ENV	Honouliuli WWTP Secondary Treatment Phase 1A - Sludge Drying and Related Facilities	90,000,000.00	25	9/1/2018
5	C150090-07	County of Hawaii	Na'alehu Wastewater Sewage Transmission, Wastewater Treatment and Disposal System	12,000,000.00	25	10/1/2020
6	NPS0048-01	City and County of Honolulu - FM	Ala Wai Golf Course Access Road and Parking Lot Improvements - NPDES Small MS4 Permit Program	4,500,000.00	24	4/1/2017
7	C150048-08	City and County of Honolulu - ENV	Kamehameha Highway WWPS Force Main System Improvements	14,000,000.00	24	6/1/2019
8	NPS0048-02	City and County of Honolulu - FM	Storm Drainage BMP Improvements for the Ala Wai Canal	2,800,000.00	24	12/1/2018
9	C150052-65	County of Maui	Wailuku-Kahului Soil Aquifer Treatment (SAT) Basins	5,000,000.00	24	1/1/2022
10	C150059-21	County of Kauai	Island-wide Sewage Collection System Sustainability Plan	1,000,000.00	23	7/1/2018
11	C150052-66	County of Maui	Wailuku-Kahului Recycled Water Pump Station	6,000,000.00	23	1/1/2021
12	C150052-58	County of Maui	Countywide Satellite Recycled Water Facilities	25,000,000.00	23	9/1/2023
13	NPS0052-64	County of Maui	Central Maui Landfill Phase V-B Extension	3,625,000.00	21	2/1/2018
14	NPS0062-47	County of Hawaii	SWD Facilities LCC Closure	1,300,000.00	21	6/1/2018
15	C150048-06	City and County of Honolulu - ENV	Dowsett Highlands Relief Sewer	110,000,000.00	21	7/1/2018
16	C150048-05	City and County of Honolulu - ENV	Palolo Valley Sewer Rehabilitation, Sewer Relief	7,000,000.00	21	7/1/2018
17	NPS0047-12	County of Kauai	Kekaha Landfill Lateral Expansion Cell 2	18,600,000.00	21	8/1/2018
18	C150051-79	City and County of Honolulu - ENV	Pearl City Wastewater Pump Station Upgrades	15,000,000.00	20	12/1/2018
19	C150090-08	County of Hawaii	Pahala Wastewater Collection System	5,000,000.00	19	3/17/2020
20	C150051-76	Honolulu Board of Water Supply	Honouliuli Water Recycling Facility R-1 Pre-Treatment and UV Disinfection Improvements	6,333,482.00	18	7/1/2015
21	C150077-16	County of Maui	South Maui Recycled Water System Expansion (2nd Tank)	6,500,000.00	18	4/1/2017
22	C150052-25	County of Maui	Wailuku-Kahului Recycled Water Force Main	6,200,000.00	18	1/1/2020
23	C150052-24	County of Maui	Wailuku-Kahului Wastewater Reclamation Facility (WWRF) Upgrade to R-1	18,000,000.00	18	1/1/2021
24	NPS0048-04	City and County of Honolulu - FM	Ala Wai Golf Course Driving Range Improvements - NPDES Small MS4 Permit Program	1,500,000.00	17	12/1/2015
25	C150054-22	County of Maui	Lahaina Wastewater Reclamation Facility Modifications, Stage 1A	49,000,000.00	17	12/1/2016
26	C150077-24	County of Maui	Kihei No. 16 Pump Station Rehabilitation and Force Main Replacement	5,500,000.00	17	12/1/2016
27	C150054-44	County of Maui	Napili No. 5 and 6 Force Main Replacements	3,200,000.00	17	7/1/2017
28	C150054-49	County of Maui	Napili Wastewater Pump Station No. 5 Modifications	2,300,000.00	17	9/1/2017
29	C150054-50	County of Maui	Napili Wastewater Pump Station No. 6 Modifications	2,300,000.00	17	9/1/2017
30	NPS0062-42	County of Hawaii	South Hilo Sanitary Landfill Final Closure	20,000,000.00	17	10/1/2017
31	NPS0059-25	County of Kauai	BMP Improvements at Various Refuse Stations	7,000,000.00	17	11/1/2018
32	NPS0062-45	County of Hawaii	Hilo Transfer Station Leachate Collection System	2,000,000.00	17	1/1/2018
33	C150080-35	County of Hawaii	Kealakehe Wastewater Treatment Plant R-1 Upgrade	54,000,000.00	17	3/18/2019
34	C150055-10	County of Kauai	Wailua WWTP NPDES Compliance Improvements	5,000,000.00	17	7/1/2019
35	NPS0062-46	County of Hawaii	Solid Waste Transfer Station (East Hawaii Locations) Leachate Collection System	10,000,000.00	17	1/1/2020
36	NPS0062-44	County of Hawaii	East Hawaii Regional Sort Station Leachate Collection System	2,000,000.00	17	1/1/2020
37	NPS0080-38	County of Hawaii	Solid Waste Transfer Station (West Hawaii Locations) Leachate Collection System	5,000,000.00	17	1/1/2021
38	C150054-48	County of Maui	Napili Wastewater Pump Station No. 4 Modifications	3,800,000.00	17	1/1/2021
39	C150077-28	County of Maui	Kihei No. 8 Force Main Replacement	1,800,000.00	17	1/1/2021
40	C150077-32	County of Maui	Kihei No. 7 Force Main Replacement	1,350,000.00	17	1/1/2021
41	C150077-30	County of Maui	Kihei No. 3 Force Main Replacement	1,600,000.00	17	1/1/2022
42	C150077-38	County of Maui	Kihei Wastewater Pump Station No. 9 Modifications	2,000,000.00	17	1/1/2022
43	C150077-31	County of Maui	Kihei No. 4 Force Main Replacement	2,500,000.00	17	1/1/2023
44	C150077-33	County of Maui	Kihei Wastewater Pump Station No. 3 Modifications	1,000,000.00	17	1/1/2023
45	C150052-63	County of Maui	Specklesville Force Main Replacement	3,600,000.00	17	1/1/2023

## Appendix B - Hawaii - Project Priority List SFY 2019

Priority Ranking	Project Number	Borrower	Project Name	Estimated Eligible		Estimated Start Date
				Amount	Points	
46	C150077-27	County of Maui	Kihei No. 6 Force Main Replacement	6,000,000.00	17	12/1/2023
47	C150077-34	County of Maui	Kihei Wastewater Pump Station No. 4 Modifications	2,500,000.00	17	1/1/2024
48	C150077-36	County of Maui	Kihei Wastewater Pump Station No. 7 Modifications	4,000,000.00	17	1/1/2024
49	C150077-37	County of Maui	Kihei Wastewater Pump Station No. 8 Modifications	3,500,000.00	17	1/1/2025
50	C150077-35	County of Maui	Kihei Wastewater Pump Station No. 6 Modifications	6,800,000.00	17	1/1/2026
51	C150052-59	County of Maui	Countywide Wastewater Reclamation Facility (WWRF) Chlorination System Upgrade	2,000,000.00	16	6/1/2017
52	C150059-22	County of Kauai	Hanama'ulu Sewage Collection System Rehabilitation	3,000,000.00	16	7/1/2018
53	NPS0052-52	County of Maui	Construction of Phase IV Final Closure at Central Maui Landfill	4,050,000.00	16	8/31/2018
54	NPS0041-09	County of Maui	Molokai Integrated Solid Waste Facility Phase 5	4,000,000.00	16	8/31/2018
55	NPS0059-26	County of Kauai	Ma'alo Landfill Phase I - Design and Permitting	4,000,000.00	16	2/1/2019
56	C150059-24	County of Kauai	Lihue WWTP Digester Upgrades	6,500,000.00	15	7/1/2019
57	C150054-46	County of Maui	West Maui Recycled Water System Expansion	14,000,000.00	15	9/1/2020
58	C150054-36	County of Maui	West Maui Recycled Water Expansion Kaaanapali Resort R-1 Water Distribution System	7,000,000.00	15	9/1/2022
59	C150054-47	County of Maui	Honoapiilani Highway Lateral Installation	1,000,000.00	15	9/1/2022
60	C150048-07	City and County of Honolulu - ENV	Sand Island WWTP - UV Disinfection and Effluent Pump Station Odor Control System	10,112,256.79	13	9/12/2017
61	C150051-78	City and County of Honolulu - ENV	Honouliuli Influent Pump Station Odor Control System	9,709,700.00	13	11/27/2017
62	NPS0090-06	County of Hawaii	Na'alehu Sewage Pump Station	750,000.00	13	6/1/2020
63	C150054-45	County of Maui	Napili Wastewater Pump Station No. 3 Modifications	4,200,000.00	13	1/1/2022
64	C150054-43	County of Maui	Napili Wastewater Pump Station No. 2 Modifications	4,800,000.00	13	9/1/2023
65	C150054-41	County of Maui	Napili Wastewater Pump Station No. 1 Modifications	6,800,000.00	13	9/1/2024
66	C150059-23	County of Kauai	Hanama'ulu and Kapaia SPS Renovations	3,000,000.00	12	1/1/2018
67	C150055-11	County of Kauai	Wailua Sewage Pump Station (SPS) No. 1 Rehabilitation	3,000,000.00	12	7/1/2018
68	C150055-06	County of Kauai	Wailua SPS #3 Rehabilitation	3,000,000.00	12	1/1/2019
69	C150062-48	County of Hawaii	Hilo Biotower Pump Station Renovation	3,000,000.00	12	4/1/2019
70	C150077-39	County of Maui	Kihei Wastewater Reclamation Facility Grit System Replacement	6,500,000.00	12	6/1/2019
71	C150080-39	County of Hawaii	Keopu Sewer Pump Station Relocation	4,000,000.00	12	6/1/2019
72	C150052-60	County of Maui	Wailuku-Kahului Wastewater Reclamation Facility Solids Buliding Renovation	1,000,000.00	11	4/1/2017
73	C150062-24	County of Hawaii	Hilo Facilities Concrete Rehabilitation	10,000,000.00	11	6/1/2019
74	C150077-25	County of Maui	Kulanihako'i Street Recycled Water Line Extension	1,700,000.00	10	1/1/2017
75	C150051-77	Honolulu Board of Water Supply	East Kapolei 215 R-1 Reservoir and Transmission Main	16,500,000.00	10	7/1/2017
76	C150047-09	County of Kauai	Waimea R-1 Wastewater Distribution System Upgrades	3,000,000.00	10	1/1/2018
77	C150055-08	County of Kauai	Wailua Wastewater Treatment Plant Improvements - Phase II	14,000,000.00	10	1/1/2018
78	C150080-31	County of Hawaii	North Kona Sewer and Effluent Reuse - Phase 2	20,000,000.00	10	10/26/2020
79	C150077-40	County of Maui	Liloa Drive Recycled Water Distribution Line	3,000,000.00	10	1/1/2022
80	C150054-40	County of Maui	Honokowai R-1 Distribution System Expansion	2,000,000.00	10	9/1/2023
81	C150054-52	County of Maui	Lahaina WWRF Onsite Recycled Water Storage	2,000,000.00	10	1/1/2025
82	C150048-00	City and County of Honolulu - ENV	Ala Moana Wastewater Pump Station Force Mains #3 and #4	120,000,000.00	9	3/1/2014
83	C150077-26	County of Maui	Sorth Kihei Road Gravity System Capacity Upgrade	4,000,000.00	9	9/1/2019
84	C150054-42	County of Maui	Napili No. 4 Force Main Replacement	1,800,000.00	9	9/1/2018
85	NPS0080-37	County of Hawaii	West Hawaii Sanitary Landfill Gas Collection and Control System Expansion	1,000,000.00	9	1/1/2019
86	NPS0090-05	County of Hawaii	Pahala Large Capacity Cesspool Conversion	12,000,000.00	9	1/1/2020
87	NPS0090-04	County of Hawaii	Na'alehu Wastewater Collection System	7,000,000.00	9	1/1/2021
88	C150051-74	City and County of Honolulu - ENV	Waipahu Wastewater Pump Station Force Main	64,000,000.00	9	12/1/2021
89	C150054-35	County of Maui	Sheraton Wastewater Pump Station Modifications	1,000,000.00	8	1/1/2017
90	C150046-96	City and County of Honolulu - ENV	Kamehameha Highway Wastewater Pump Station Upgrade	6,000,000.00	8	7/1/2017
91	C150046-91	City and County of Honolulu - ENV	Kahanahou Wastewater Pump Station Upgrade and Sewer Improvements	12,000,000.00	8	9/1/2017
92	C150046-98	City and County of Honolulu - ENV	Waikapoki Wastewater Pump Station Upgrade	8,000,000.00	8	9/1/2017
93	C150062-37	County of Hawaii	Pua Sewage Pump Station - Pump Replacement	6,000,000.00	8	6/1/2018

## Appendix B - Hawaii - Project Priority List SFY 2019

Priority Ranking	Project Number	Borrower	Project Name	Estimated Eligible		Estimated Start Date
				Amount	Points	
94	C150080-21	County of Hawaii	Project 19 Sewer Pump Station Renovation	1,500,000.00	8	1/1/2019
95	C150080-33	County of Hawaii	Kealakehe Wastewater Treatment Photovoltaic System	4,600,000.00	8	7/1/2019
96	C150046-90	City and County of Honolulu - ENV	Heeia Wastewater Pump Station Improvements	5,000,000.00	8	12/1/2020
97	C150077-21	County of Maui	Kihei Wastewater Pump Station No. 5 Modifications and Force Main	4,250,000.00	8	1/1/2026
98	C150077-19	County of Maui	Kihei Wastewater Pump Station No. 2 Modifications	2,000,000.00	8	1/1/2027
99	NPS00C0-07	City and County of Honolulu - FM	Kapolei Corporation Yard Dewatering Facility	3,000,000.00	7	7/1/2017
100	NPS0062-29	County of Hawaii	Hilo Scrap Metal Yard Remediation	7,000,000.00	4	7/1/2017
101	C150055-09	County of Kauai	Coco Palms Sewer Collection System Odor Control Improvements	1,000,000.00	4	1/1/2018
102	C150062-31	County of Hawaii	Lanihau Wastewater Pump Station Force Main Replacement	1,300,000.00	4	3/1/2018
103	C150050-12	County of Kauai	Eleele Subdivision Collection System Rehabilitation	2,500,000.00	4	7/1/2018
104	C150080-30	County of Hawaii	Hale Halawai Wastewater Pump Station Force Main Replacement	575,000.00	4	7/1/2018
105	C150060-07	County of Hawaii	Kulaimano & Papaikou Dewatering and Barminutor Replacement	3,000,000.00	4	8/1/2018
106	C150054-32	County of Maui	Napili No. 3 Force Main Replacement	1,800,000.00	4	9/1/2018
107	C150062-43	County of Hawaii	Pua Force Main Installation and Rehabilitation	16,100,000.00	4	1/1/2019
108	C150062-25	County of Hawaii	Modify Hilo Wastewater Treatment Plant Digester	10,000,000.00	4	6/1/2019
109	C150062-14	County of Hawaii	Wailoa Forcemain Replacement	7,000,000.00	4	7/1/2019
110	C150062-26	County of Hawaii	Primary Sludge Pump and DAFT Retrofit	3,000,000.00	4	7/1/2019
111	C150062-33	County of Hawaii	Pua Wastewater Pump Station Odor Control Renovation	1,000,000.00	4	7/1/2019
112	C150062-16	County of Hawaii	Kaumana Gardens Sewer	5,000,000.00	4	7/1/2020
113	C150080-34	County of Hawaii	Ainako Interceptor, Phase II	3,000,000.00	4	7/1/2020
114	C150055-03	County of Kauai	Kapaa Town-Waipouli Collections System	5,000,000.00	4	7/1/2020
115	C150050-15	County of Kauai	Hanapepe Heights Collection System	2,300,000.00	4	7/1/2020
116	C150077-29	County of Maui	North Kihei Mauka Transmission System	15,000,000.00	4	1/1/2021
117	C150062-12	County of Hawaii	Kalaniana'ole Avenue Collection System Phase II	4,000,000.00	4	7/1/2021
118	NPS0062-21	County of Hawaii	Ainako-aina Nani Subdivision Sewer	4,000,000.00	4	7/1/2021
119	C150062-17	County of Hawaii	Puueo Collection System	3,000,000.00	4	7/1/2021
120	C150041-06	County of Maui	Kaunakakai Effluent Force Main Replacement	1,900,000.00	4	9/1/2022
121	C150046-97	City and County of Honolulu - ENV	Pacific Palisades Wastewater Pump Station, Force Main and Alternative Diversion Sewer Line	10,000,000.00	4	12/1/2022
122	C150052-20	County of Maui	Waiko Road Subdivision Sewer System	2,000,000.00	4	1/1/2023
123	C150054-39	County of Maui	Napili No. 2 Force Main Replacement	1,000,000.00	4	1/1/2023
124	C150062-27	County of Hawaii	Reed's Island Collector System	3,500,000.00	4	7/1/2023
125	C150054-38	County of Maui	Napili No. 1 Force Main Replacement	2,700,000.00	4	1/1/2024
126	C150080-22	County of Hawaii	Upgrade Ali'i Drive Sewer System	4,000,000.00	4	7/1/2024
127	C150046-99	City and County of Honolulu - ENV	Ewa Beach Sewers, Section 4, Improvement District	22,000,000.00	4	12/1/2024
128	C150052-57	County of Maui	Maui Meadows Sewer System	24,000,000.00	4	3/1/2027
129	C150059-14	County of Kauai	Kupolo Collection System	7,000,000.00	4	7/1/2024
				<b>1,486,055,438.79</b>		



## Appendix C – Summary of Public Comments

### I. Public Participation

Pursuant to 40 CFR 35.3150, this proposed Amendment 1 to the Intended Use Plan, as well as a public notice soliciting public comments, were posted from June 6, 2018 through July 7, 2018 on the Hawaii CWSRF website at <http://hawaii.gov/wastewater/cwsrf.html>.

### II. Testimony and Comments

Provided below are comments that were provided from June 6, 2018 through July 7, 2018.

1. Email dated June 11, 2018 from Sandra Demoruelle:

Comment:

*Per my UIPA request, you have been unable to provide me with any of the Environmental Assessment Documents (EADs) for the two COHDEM projects in Ka'u.*

*I have reviewed The Environmental Notice (TEN) and the only EAD was the Naalehu-Pahala LCC Conversion Project FEA/FONSI in the Aug. 23, 2007 TEN - which, despite changing to two full-size secondary WWTPs where there were none, was never withdrawn.*

*You are breaking the law because DOH also oversees the environmental review process for all the Federally funded SRF proposed projects - and you have ranked the Naalehu and Pahala WWSs as funding priorities with absolutely NO evidence of any environmental review as required by HRS 343 and Title 11 [sic], Chap 200 HAR - not to mention NEPA because federal funds are involved. Please totally withdraw these two WWTP projects until the requisite EADs can be provided to allow an assessment of the impact of these proposed projects on the local environments.*

*How many lawsuits are needed to enforce adequate environmental review of these totally absurd and outrageously expensive projects? Do we have to sue you folks, too?*

*Thank you for taking appropriate steps to ensure COHDEM finally follows the law before spending any SRF funds.*

DOH Response:

*There are eleven (11) documents that are required to be submitted to the DOH for a CWSRF loan to be issued. An environmental review document such as an environmental impact statement (EIS), environmental assessment (EA), exemption declaration, EIS reaffirmation, or EA reaffirmation is one (1) of those eleven (11) documents that is required. A project must be listed on the Project Priority List before the DOH is allowed to collect the eleven (11) required documents. The project's name being listed on the Project Priority List does not constitute the issuance of a CWSRF loan. The DOH has not issued a CWSRF loan to a Na'alehu or Pahala project.*

2. Email and attachment dated June 17, 2018 from Sandra Demoruelle:

Comment:

*Just like EPA Kate Rao who paid for the original FEA on the Kau LCC conversion to septic project, you are named in the same FEA published in TEN Aug. 23, 2007, and DOH provided the use of septic variance, so you also knew it was the only project with EADs.*

*Both EPA and you folks failed in your duty to require COHDEM to provide the environmental review triggered by application for CWSRF government funding for two completely new WWTP Projects which replaced the original FEA for LCC conversion to septic project. Failure to pull the Naalehu and Pahala projects from the priority list will result in a lawsuit similar to the one argued in my MSJ Memorandum (attached). Thank you for your compliance with this request.*

DOH Response:  
*See DOH Response #1.*

3. Email and attachment dated June 28, 2018 from Sandra Demoruelle:

Comment:  
*Please enter this Resolution that has been present [sic] to COHCC for an audit of the COHDEM WWTP projects that you still have on your SRF list even though no EAD exist. A State audit should be requested to see how many other CWSRF projects have yet to have ANY environmental vetting. Since you and Ms. Pruder have knowledge of the change from the FEA approved LCC to LCSS Conversion to the two new-build WWTP projects in isolated Ka'u, you should have to justify your approval for on-going SRF Prioritization. Thank you for your inclusion of this document in the Project Priority List comments.*

DOH Response:  
*The contents of the attachment (i.e. Word file) should be addressed by the County of Hawai'i.*

### **III. Summary**

There were three (3) comments on this Amendment 1 to the Intended Use Plan received in response to solicitation for public input. An environmental review document is collected by the DOH for all projects before a CWSRF loan is issued. All other comments should be addressed by the County of Hawai'i.



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SINA PRUDER, P.E., CHIEF  
Wastewater Branch